

**Glass, Window & Film Test Equipment
and Sales Demonstration Tools**

EDTM



**PRODUCT
CATALOG**

2021-2022

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TECHNICAL TOOLS TO SAVE YOU MONEY

ELIMINATE MEASURING MISTAKES &
REDUCE TIME IN THE FIELD!!



"GLASS-CHEK ELITE" LAMINATE, LOW E & THICKNESS METER (#GC3200) --IDENTIFIES & MEASURES LAMINATED GLASS!!

The AWARD-WINNING GLASS-CHEK ELITE is our MOST CAPABLE PRODUCT offering a newer platform of technology that adds the ability to identify laminated glass in a window. This sophisticated device will measure the thickness of the laminate inner-layer, as well as the pieces of glass making up the laminated assembly. The ELITE is able to test single, double, triple, and even quad pane windows, plus suspended film applications, providing the thickness of each piece of glass and spacer thickness, along with the overall thickness. The ELITE also identifies the TYPE of LOW E coating in a window, as either a hard coat or soft coat low e. For soft coat (sputtered) low e, the ELITE will also indicate if the coating is a single, double, or triple silvered low e coating (based on the energy performance), so you can be sure to replace a window with the exact same performing low-e. The design also includes a **graphical display** that illustrates the construction of the window being tested. Glass surfaces and air spaces are labeled on the drawing, helping aid in understanding the complete make-up of the window. The ELITE can also identify the low e coated surface of a laminated piece of glass when the low e is placed against the laminate inner-layer. An improved low e detection design makes the low e features of the GC3200 even more capable than previous models. Convenient arrow buttons allow you to advance to the next screen of results or return to a previous screen when you choose to, as opposed to previous designs where you had to wait for additional screens of data to appear. The meter automatically stores your most recent 30 measurements in MEMORY to review later at the shop/office. Specialty Modes include: Reflective/Mirrored Glass, Bullet Resistant, Dark Tinted Glass plus other applications. The ELITE comes pre-loaded in 8 languages and can operate in inches or mm's.



IMPROVED!

"GLASS-CHEK PRO" DIGITAL GLASS & AIR SPACE METER (#GC3001)

The GC3001 replaces the previous GC3000 model. The Glass-Chek PRO is able to test single, double and triple pane windows, plus suspended film applications, providing the thickness of each piece of glass and spacer thickness, along with the overall thickness. The GC3001 also includes a **low e detector** that can identify a low e coating on any surface of a double pane window---a tremendous benefit for both commercial & residential applications. The PRO boasts a HUGE 4-line LCD display that allows the user to view the results in actual measurements OR with the glass thickness rounded to the nearest ASTM standard, matching the sizes a glazier would traditionally order. One of the **greatest benefits** of the GC3001 is the ability to **identify types of low e coatings** as either a hard coat or soft coat low e. For soft coat (sputtered) low e, the PRO will also indicate if the coating is a single, double, or triple silvered low e coating (based on the energy performance). This allows users to differentiate types of low e coatings. The improved design allows you to scroll between result screens by pressing the ARROW keys. The PRO comes pre-loaded in 8 languages and can operate in inches or mm's.



MANUAL GLASS & AIR SPACE LASER GAUGE (#MG1500)

Redesigned with easier to read scales, this popular gauge provides another great product for measuring the thickness of glass and air spaces of assembled and installed windows. The MG1500 uses the laser reflections from the surface of a window to display the thickness measurements on a NEW graduated scale. This gauge can be particularly handy for testing laminated windows with the low e coatings placed against the PVB inner-layer. The new scales include inches on one side and mm's on the opposite side, and also include a special scale for bright light conditions. This product is a GREAT value if you are willing to do a little more work compared to the digital GLASS-CHEK meters that do all the work for you.



STRENGTHENED GLASS DETECTOR w/ THICKNESS SCALE (#SG2700)

The Strengthened Glass Detector confirms if glass has been strengthened. Test single panes of glass or multiple panes in a window at a single time, and from a single side. The glass can be tested in the factory, or in the field after being installed. Simply slide the meter across the glass and conveniently watch the reflections appear on the specialized display. As the meter crosses stress lines in the glass (caused by the strengthening process), the stress lines will be visible in the viewing window. The special optics of the SG2700 provide a robust change of color on the stress lines, and allow you to view the stress lines head-on without tilting your head to the side. The SG2700 can even estimate the thickness of the first piece of glass in a window. This portable instrument uses all solid-state technology. There are no fragile/expensive bulbs used in this design, so it is extremely rugged for field applications. It is powered by a standard 9-volt alkaline battery; no charger or power plug needed. A push-on/push-off power switch with an AUTOMATIC POWER-DOWN feature provides user-friendly operation and extended battery life.

GLASS-CHEK COMPARISON

**GLASS-CHEK'S Make a Difference
Stop Losing Money From Ordering Mistakes!!
Reduce Time in the Field!!**

Quick Return on Investment



GC3200



GC3001

Glass Thickness Features:

Laminated Glass Identification	YES	NO
Measure PVB Thickness of Laminated Glass	YES	NO
Single, Double, Triple, & Quad Pane Glass Thickness Measurement	1, 2, 3, 4	1, 2, 3
Compatible with ALL Low-E Coatings	YES	YES
* Compatible to Measure Bullet Resistant Windows	YES	NO
* Modes for Multi-Laminate, Suspended Film, and Other Specialty Modes	YES	NO
* Measure Reflective & Mirrored Commercial Windows	YES	NO
Compatible with tinted glass below 35% VLT	YES	NO
Expanded 2.0" Overall Thickness Range	YES	YES
Compatible with Suspended Film	YES	YES

Low-E Detection Features:

Determine Whether Coating is on Surface 1 versus 2	YES	YES
Specify Whether Coating is Present on Surface 3/4	YES	YES
Determine Whether Coating is Present on Surface 3 versus 4	YES	NO
Specify Whether Coating is against the Laminated Inner-Layer	YES	NO
Detect Single, Double, Triple Silver Hard Coat & Surface 4 Low-E	YES	YES
* Differentiate Between Hard Coat and Soft Coat Low-E	YES	YES
* Determine Number of Soft Coat Silver Layers	YES	YES

* The GC3200 & GC3001 are able to identify the specific type of Low-E in a window, so the replacement window you order will have a similar energy performance. This will reduce the number of complaint calls you receive and result in a more satisfied customer.

Test Residential and Commercial Glass From a Single Side	YES	YES
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Other Features:

* Ability to Store 30 Measurements	YES	NO
Low Battery Indicator	YES	YES
Enhanced Temperature Range	YES	YES
Screen Advance Control Buttons	YES	YES
Graphical Display with Window Illustrations	YES	NO
Language Formats Available: English, German, French, Spanish, Dutch, Italian, Danish, & Swedish	ALL	ALL
Backlit Display Setting (for Low Light Environments)	YES	NO
Glass Thickness Shown to Nearest ASTM Standard	YES	YES

TECHNICAL TOOLS TO SAVE YOU MONEY

NEW!



The EDGE® LOW-E COATING & EDGE DELETION DETECTOR (#CM2030)
 Introducing a NEW American-made low cost option for testing single panes of low-e glass in production. This **ergonomic detector** FEELS GREAT in your hand and is the perfect device for glass & window manufacturing applications where you must determine if there is a Low-E coating on the top surface of the glass. The EDGE is also designed for testing proper **EDGE DELETION**. The design includes a raised edge on the bottom of the enclosure that aligns the contact probes with the edge deleted area of the glass. The EDGE Coating Detector uses two non-scratch pads to test the glass surface via conductivity. Simply press the device against the glass, and an indicator will illuminate if you are touching the conductive Low-E coating. The absence of the illuminated LED confirms no coating is present, or that the glass was properly edge deleted. The EDGE detector has been approved for testing all Low-E Coatings. There is also a loop designed into the stylish, ergonomic enclosure that allows you to add it to a keychain or lanyard. In quantities of 100 pieces, we will **private label** the product with your own company information so you can offer your own company-branded low-e detector, or provide complimentary gifts to your best customers.

NEW!



Low-E CARD® COATING DETECTOR - DISPOSABLE (#AE2200)
 Our NEW credit card sized Low-E CARD® Coating Detector offers a low cost option for identifying low e coatings on glass, in the **convenient size of a credit card!!** These ultra-thin cards will identify the presence of low e coatings on a single piece of glass. The glass can be monolithic or installed in an insulating unit. You can literally carry a low e device in your wallet or pocket, and be prepared for any application any day. The AE2200 Low-E CARD® is a disposable model that will allow 1,000 tests to be conducted. It will confirm if there is a low e coating on the piece of glass you place it against. After 1,000 uses, simply dispose of the card. In quantities of 100 pieces, we will **private label** the product with your own company information. Now you can offer your own company-branded low-e detector, or provide complimentary gifts to your best customers. The perfect marketing tool that ALL of your customers will benefit from.

NEW!



Low-E CARD+® COATING DETECTOR - RE-USABLE (#AE2250)
 This higher end version Low-E CARD+® Detector offers more differentiated results. The model also includes a replaceable battery allowing for unlimited life of the product. The AE2250 will differentiate if the coating is on Surface 1, Surface2 or if the glass is uncoated (CLEAR). You can test monolithic glass or glass installed in an insulating unit. There are no metal contacts to scratch the glass surface, so it is safe to use on ALL GLASS, even if the glass is dirty or has a label or other insulating layer on it. **Private label** the product with your own company information so you can offer your own **company-branded** detector, or provide complimentary gifts to your best customers. Equip manufacturing so they can conveniently check all windows during the manufacturing process. Equip your sales team with this clever product to build awareness of inefficient windows at your customer's home during sales calls. Make sure every field service tech has this handy compact card in their tool kit (or pocket) to answer questions quickly in the field.



" ETEKT+ " LOW-E COATING DETECTOR (#AE1601)
 Identify Low E windows in the field or factory quickly with the latest version of the ETEKT+ . The ETEKT+ has been the **INDUSTRY STANDARD** for detecting invisible Low E coatings sealed inside windows as well as single pieces of glass for more than 25 years. The meter will not disappoint as it identifies if a coating exists on surface 1, 2 or 3, and also identifies windows with no LOW E coatings (uncoated glass). The newer design adds a **low battery indicator** and improves the products performance across a **wider range of temperatures**. This rugged device is still powered by a 9 volt alkaline battery (included) and is totally portable. Reduce the amount of time your field service personnel spend in the field trying to prove to a customer that the Low E coating is there. Eliminate costly production mistakes by equipping your production lines with this money-saving tool!



SINGLE PANE LOW-E COATING DETECTOR (#AE3600)
 The AE3600 detects the presence and location of all Low-E coatings (or any other conductive coating) on a single piece of glass. The meter can test glass monolithically or glass that has been assembled into sealed insulating units (double pane window). The instrument does not have to contact the coating in order to detect it, as it will detect coatings through the glass. Accurately differentiate if a coating is on Surface1 versus Surface 2 of the glass, all from one side. Measurements are not affected by Lucor or other separator granules on the glass, and will also work great with new "Surface 4" low e coatings that have an insulating, dielectric coating protecting the low e surface. The AE3600 is a valuable tool to use in the production environment to confirm the orientation of the low e glass and to guarantee the glass is being placed into the washers correctly.



LOW-E CONTACT METER (#CM1030)
 The CM1030 Low E Contact Meter uses four large rounded pads on the back of the meter to contact the low e coating directly. When the meter is in contact with a low e coating, the indicator on the front of the meter will illuminate. This meter is extremely rugged, making it a helpful tool for the production line. Its relatively low cost makes it an affordable solution for testing single panes of low e glass in production. Remember, to use this product you must be working with single panes of low e glass. If the glass has already been assembled into a window, you will need to use our AE1601, AE3600, AE2250 or AE2200 Low E Coating Detectors.

LOW-E COATING DETECTOR COMPARISON

							
Features:	AE1601	AE3600	AE2200	AE2250	CM1030	CM2030	GLASS-CHEK
Detect Low-E in Single Pane	YES	YES	YES	YES	YES	YES	YES
Detect Low-E in Dual Pane	YES	YES	YES	YES	NO	NO	* YES
Detect Low-E in Dual Pane from a Single Side	YES	NO	NO	NO	NO	NO	* YES
Differentiate Between Soft Coat & Hard Coat Low-E	NO	NO	NO	NO	NO	NO	* YES
Determine Number of Soft Coat Silver Layers	NO	NO	NO	NO	NO	NO	* YES
Metal Contact Pins	NO	NO	NO	NO	YES	YES	NO
Pocket/Wallet Size	NO	NO	YES	YES	NO	YES	NO
Battery Type	9 Volt	9 Volt	Not Replaceable	Coin Cell Battery	9 Volt	Coin Cell Battery	9 Volt
Low Battery Indicator	YES	YES	NO	YES	NO	NO	YES
EDGE Deletion Detection	NO	NO	NO	NO	NO	YES	NO

* SEE GLASS-CHEK COMPARISON CHART ON PAGE 2 FOR MORE INFORMATION

Low-E Coated Glass is the standard
 in commercial & residential windows
 & doors. Whether you are a manufacturer,
 processor, seller, installer or replacement
 company, we have a meter to fit your needs.
 No other company offers this variety of
 products for testing Low-E coatings.

EDTM is the World Leader in Low-E Detection!

To Demonstrate Low-E Performance, See These Products:
 WP4500, SS2450, SP2065, SD2400 & WE2500

TECHNICAL TOOLS TO SAVE YOU MONEY



DIGITAL! TIN SIDE DETECTOR - (#TS2300)

Our DIGITAL Tin Side Detector offers the most convenient method for determining the tin side of float glass. Simply place the rugged meter on both sides of the clear float glass, and instantly read the results on the DIGITAL display. The TS2300 is designed for efficiently testing raw float glass that has not had value added-features applied (i.e. coatings, tempered, laminated, etc. . .). The TS2300 can be used to test clear or colored float glass. Because of its DIGITAL detection circuitry, glass processors no longer have to use a lamp style detector and make subjective guesses as to which surface is the tin side. With its backlit LCD display, the TS2300 can be used in any light environment. This instrument is powered by a standard 9-volt alkaline battery and includes an automatic power-down feature to further extend the battery life of the product. Improved features over previous tin side detector designs include: no expensive/fragile lamps to replace, less frequent battery replacement, and obtaining definitive results.

DIGITAL & DEFINITIVE RESULTS WITH NO BULB REPLACEMENT HEADACHES!!



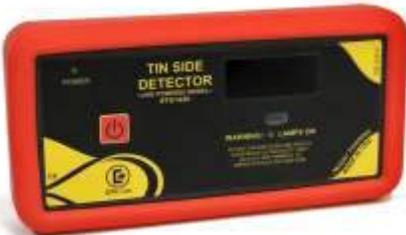
TIN SIDE DETECTOR - ECONOMY LAMP MODEL (#TS1301)

Our Tin Side Detector (Model# TS1301) allows you to determine the tin side of float glass. The instrument can test clear float glass or glass that has other specialty coatings applied to it in most applications. When the lamp is placed on the tin side of the glass, the fluorescing lamp image glows brightly (white glow). When placed on the non-tin side, the lamp image appears normal. This new design is powered by only 3-AA batteries (included), however it runs 50% longer than competing models. This new instrument is centered around a custom designed UV source that is more rugged and efficient than previous models. A VALUABLE tool for laminate(PVB), screen printing, tempered, and specialty coating applications.



TIN SIDE DETECTOR - COMMERCIAL MODEL (#TS1320)

The Tin Side Detector for **COMMERCIAL APPLICATIONS** offers all the improvements of the TS1301 above, and it incorporates several new features that have been requested by customers over the years. The TS1320 includes a rubber boot on the exterior of the product that makes it incredibly rugged. Drop tests have shown the design to withstand drops from up to 5 feet or more. The momentary power switch in the design allows you to pulse the glow on the glass, making it convenient to see the white milky glow that occurs on the tin side. The TS1320 even includes a low battery indicator to provide a warning when the batteries will need replaced. All this with an extended warranty period make it the solution glass processors have been waiting for. The TS1320 is a smart investment, and has proven to last much longer in the field than our Economy model TS1301.



LINE-POWERED TIN SIDE DETECTOR - (#TS1420)

Building on the popularity of our previous tin side detectors, we offer our line-powered instrument for identifying the tin side of float glass. The TS1420 offers a nice alternative for the production environment, or areas where a large volume of glass is being tested to confirm the tin side. The device includes a "glass-present" sensor so it automatically knows when to turn on the lamp for testing. This feature allows you to test glass hands-free, without having to hold the instrument near the glass. You can mount the TS1420 in a recess of your glass table or other area, and simply slide the glass over the sensor. The instrument will automatically illuminate the lamp so you can confirm the tin side. By powering the lamp only when glass is present, this design will naturally extend the life of the bulb. The TS1420 also comes equipped with a protective rubber boot. The device is powered by a 5-6 Vdc power supply (included) that can accept 110 - 240Vac input.



TIN SIDE DETECTOR - HIGHER INTENSITY GLOW (#TS1470)

This NEW Tin Side Detection Lamp is the perfect solution for brighter lit environments where it can be difficult to see the glowing tin side of the glass. This **LINE-POWERED** product has an ideal intensity for easy measurements, whether you are in a darker lit production environment or a well-lit lab. The design also includes a great **ERGONOMIC handle** that makes the product comfortable to operate and easy to handle. The TS1470 is ideal for testing single pieces of glass, as well as stacks of glass that have a small portion of the glass face exposed. The glowing light from the tin side can be easily viewed on the glass surface, as well as on the edge of the glass. The TS1470 comes standard in a 115V version, but can be custom ordered in 230V as well.

NEW!

TIN SIDE DETECTOR COMPARISON

					
Features:	TS1301	TS1320	TS1420	TS1470	TS2300
Type of Battery	3 - AA Batteries	3 - AA Batteries	Line-Powered	Line-Powered	1 - 9V Battery
Protective Rubber Boot	NO	YES	YES	NO	NO
Hand-Held Detector	YES	YES	NO	YES	YES
Hands-Free Operation	NO	NO	YES	NO	NO
Ergonomic Handle	NO	NO	NO	YES	NO
Low Battery Indicator	NO	YES	NO	NO	YES
Backlit LCD Display	NO	NO	NO	NO	YES
Compatible Voltage	BATTERY	BATTERY	110 Vac to 240 Vac	115 Vac or 230Vac	BATTERY
Withstand Drops 5 ft. or more	NO	YES	NO	NO	NO
Digital Results Screen	NO	NO	NO	NO	YES
Tin Side Milky Glow	YES	YES	YES	YES - BRIGHT ENVIRONMENTS	NO
Replaceable Bulbs	YES	YES	YES	YES	NO BULBS NEEDED
Allows for 1 Side Test	YES	YES	YES	YES	TWO SIDE TEST
Test Coated Glass	YES	YES	YES	YES	NO
Power Switch Options	SLIDE SWITCH	MOMENTARY SWITCH	GLASS PRESENT SENSOR	TOGGLE SWITCH	MOMENTARY SWITCH
Automatically Powers Off	NO	YES	YES	NO	YES

EDTM's Tin Side Detectors Are Used
World-Wide for: Laminated Glass,
Specialty Coatings, Window Assemblies,
& Glass Printing!

TECHNICAL TOOLS TO SAVE YOU MONEY



" REFLEX" PROGRAMMABLE COATING DETECTOR (#RX1550)

The first of its kind, the new Reflex Coating Detector can be programmed in the field to identify the coated surface of a variety of coatings on glass or other substrates. Using numerous sensors and energy at various wavelengths, the RX1550 can be calibrated on a known coating in the field, and then stored in the instrument. The user can even name the coating in the menu system for easy identification. The instrument can store up to 23 unique coatings. Also included in the design is a single pane Low E coating detector that identifies if a Low E coating is on Surface 1 or Surface 2 of the glass. This valuable device comes pre-loaded with the following coatings included: Low E, Tin Side(2-sided test), Self-Clean (Pilkington Activ & PPG SunClean, Guardian's ShowerGuard, DiamondGuard, Anti-Reflective, and Surface 4 Low E, Cardinal Surface 4 Low E, PPG Anti-Reflective, and Saint-Gobain's Bioclean. EDTM's dynamic OPTO-CLEAN software is included in the design and helps monitor the condition of the meter, notifying the user when it is time to clean the back lens area. The software also notifies the user when it is time to recalibrate the device, which can be performed by the user.



" R-CHEK" SURFACE RESISTIVITY METERS

- #RC2175 0-20,000 OHMS PER SQUARE (X1 & X10 SCALE)
- #RC3175 0-199.9 OHMS PER SQUARE (0.1 RESOLUTION)

A tremendous tool for the coating industry. The R-CHEK line of meters measure the sheet resistance of conductive coatings applied to glass and other substrates. The meters implement the four-point technique for determining the sheet resistance of a coating, measured in Ohms per square. The four point probes are spring-loaded and have rounded tips to be sure the glass is not jeopardized during a measurement. Annual calibration services are available. Contact us for more information.



IMPROVED!

" TINT-CHEK" LIGHT TRANSMISSION METER (#TC1800)

Our TINT-CHEK meter will slide over the edge of an automotive window and immediately provide you with the resulting Light Transmission (VLT) value for that window. There are **no moving parts** to the design, making it extremely reliable. Unlike competing models that use mechanical lever switches that ultimately end up scratching the glass or film surface, our TC1800 is powered by a membrane switch on the front panel. You can slide the glass into the opening in any direction, with no concern for damaging a mechanical lever switch. The device takes high speed measurements and displays them real-time on the display. The TC1800 uses clever patent-pending techniques to remove any ambient light conditions. The small **pocket-friendly** TC1800 product comes with 2 calibration standards and a rugged carrying case. The IMPROVED design includes a clamping mechanism in the enclosure that helps secure the meter on the window more firmly.



IMPROVED!

" TINT-CHEK+" LIGHT TRANSMISSION METER (#TC2800)

The TC2800 model has all the benefits of the TC1800 meter described above, plus more. The key improvements of the TC2800 include a **backlit LCD display and increased resolution** allowing the VLT measurement to be displayed to the nearest 0.1%. The backlighting is very helpful when using the meter in darker environments such as in the evening, overcast days, or even in shops that are not well lit. Most competing models do NOT offer a backlit display option which prevents windows from being tested at night. The increased resolution of the Tint-Chek+ results in a more accurate measurement. By adding the 0.1% resolution, the measurements will remove the rounding errors that occur with lower cost models. Choose the TC2800 for the BEST accuracy through its improved resolution. The TINT-CHEK+ can **test automotive windows as well as flat glass up to 6.5mm thick**. Traceable Calibration Standards and a rugged carrying case are included.



" TINT-CHEK PRO" 2-PIECE LIGHT TRANSMISSION METER (#TC3800)

The TC3800 is a 2-piece instrument that tests the Light Transmission value of glass. The 2-piece design allows you to test windshields and rear windows in automobiles that can not be opened, as well as side windows. In addition to automotive windows, the TC3800 can be used to test single pieces of flat glass up to 6mm thick. The two halves of the instrument are aligned and held in place by magnets. The reflector half of the instrument is mounted inside the automobile via suction cups, while the instrument half is positioned on the exterior of the car and held in place by the strength of the magnets. The display is backlit allowing for easy reading of the results, especially in indoor garages or outdoors when it is later in the day. The results are shown to the nearest 0.1% providing plenty of resolution for the user.

TECHNICAL TOOLS TO SAVE YOU MONEY



DIAMONDGUARD®/SHOWERGUARD® COATING DETECTOR (#DS1670)

This dual-purpose detector combines two instruments into one. Use the same device to identify the coated surface of glass for either the ShowerGuard® or DiamondGuard® coatings available from Guardian Industries. Because the specialty coatings are not visible, it is impossible for manufacturers to accurately identify which surface of glass has the coating. With the simple push of a button, processors can confirm they are orienting their glass correctly during their builds. This meter can also serve as a great service tool to confirm for customers they received what they paid for, and that it was installed correctly. The new design includes our popular OPTO-CLEAN software that monitors the condition of the meter and warns the user when it is necessary to clean the optical lens on the back of the instrument.

ShowerGuard and DiamondGuard are registered trademarks of Guardian Industries Corp.



DIGITAL SHOWERGUARD® COATING DETECTOR (#RD1661)

The DIGITAL ShowerGuard® Coating Detector is a valuable tool for working with the ShowerGuard® coating available from Guardian Industries. Because the specialty coating is not visible, it is impossible for manufacturers to accurately identify which surface of glass has the coating. With the simple push of a button, processors can confirm they are orienting their glass correctly during their builds. This meter can also serve as a great service tool to confirm for customers they received what they paid for, and that it was installed correctly. The new design includes our OPTO-CLEAN software that monitors the condition of the meter and warns the user when it is necessary to clean the optical lens on the back of the instrument. The RD1661 meter can also tell the user when it is necessary to re-calibrate the instrument, which can now be done in the field. It is no longer necessary to ship the meter back to the factory for this SERVICE.

ShowerGuard is a registered trademark of Guardian Industries Corp.



DIGITAL TIMELESS® COATING DETECTOR (#RD1680)

The DIGITAL TIMELESS® Coating Detector is the perfect instrument for working with the TIMELESS® coating available from Saint-Gobain Glass. Because the specialty coating is not visible, it is impossible for manufacturers to accurately identify which surface of glass has the coating. With the simple push of a button, processors can confirm they are orienting their glass correctly during their builds. This meter can also serve as a great service tool to confirm for customers they received what they paid for, and that it was installed correctly. The new design includes our OPTO-CLEAN software that monitors the condition of the meter and warns the user when it is necessary to clean the optical lens on the back of the instrument. The RD1680 meter can also tell the user when it is necessary to re-calibrate the instrument, which can be performed in the field. It is not necessary to ship the instrument back to the factory for calibration.

TIMELESS is a registered trademark of Saint-Gobain Glass.

SPECIAL ORDER PRODUCTS LISTED BELOW - MINIMUM QUANTITY REQUIRED

Occasionally it is necessary for EDTM to discontinue products that are not selling above a minimum annual quantity. In some instances, it is possible for EDTM to manufacture these instruments if a reasonable quantity is required. Typically a 50 to 100 piece quantity order will allow us to re-establish a production line for a given product. The items below have been moved to this category. While these instruments are no longer offered as "in-stock" items, they can be manufactured in a custom build of 50 or 100 piece quantities. A quote will be required for each of these instruments.



BEAMSPLITTER PRO: ENERGY TRANSMISSION METER (#PR3400)

The "BEAMSPLITTER PRO" draws attention to the outstanding performance of your energy efficient window and film products. This line-powered instrument allows a user to simultaneously demonstrate UV, Visible, and Infrared transmission values for a given product. Use the PR3400 instrument in areas where you need to draw attention, such as showrooms, trade shows, or large presentation meetings. The BRIGHT LED displays will draw attention and can be seen from a greater distance.



UV TRANSMISSION & POWER METER (#UV1365)

Highlight the UV performance of your window product by showing how it blocks the damaging UV rays. The UV1365 meter can measure incident UV energy or calculate the actual UV transmission percentage through a window or film. The UV power feature is helpful for analyzing existing structures for incident UV energy. Great for testing critical indoor settings like museums or fine homes. Using the UV Transmission feature, prove to your customer that your product is blocking a large portion of the sun's UV energy and protecting their furnishings from damage and fading. GREAT for automotive or flat glass applications using high performance coatings or window film.



GUARDIAN INTERIOR SURFACE LOW E DETECTOR (#RD1850)

The DIGITAL Interior Surface Low E Coating Detector is a great assistant for working with the new Surface 4 Low E Coatings, as well as other high performance coatings from Guardian Industries. The RD1850 is able to differentiate the Guardian IS-15 and Guardian IS-20 coatings, as well as identify if the coating is a traditional high performance low e coating. Simply place the meter on the glass surface and the instrument will identify any low e coatings on surface 1, or indicate if the surface is uncoated. Not only can manufacturers confirm they have the correct coating, but they can also make sure they have the proper coating on Surface 4 of the window. **The features of the RD1850 instrument are included in our RX1550 Reflex Programmable Coating Detector.**

IS-15/IS-20 are registered trademarks of Guardian Industries Corp.

Your One Stop For Sales Kits That Engage Your Customers and Close More Sales!

Buy Directly from the Manufacturer - Fully Customizable!



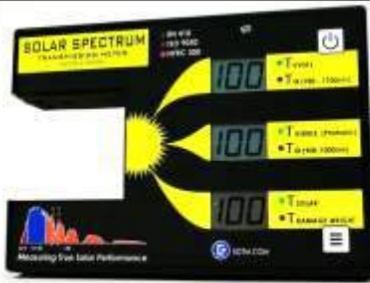
Heat Lamp Kits • Door Kits • Window Component Kits • Sunroom Kits

- Several Case Sizes In Stock
- New Value-Priced Heat Lamp Kit
- Print, Embroider, or Laser Engrave Your Logo
- Great Selection of Heat Lamps, Window Samples (including Corner-Cuts) and Accessories!
- We can assemble and stock your entire sales kit for you!



Innovative Sales Presentations with Proven Results!

SALES TOOLS TO CREATE MONEY



SOLAR SPECTRUM TRANSMISSION METER (#SS2450)

The Solar Spectrum Transmission Meter uses patented technology to **REPLICATE** the energy spectrum of the sun. **"Capturing" the spectrum of the sun** allows this instrument to offer the **best accuracy** of any type of portable field measuring instrument offered to date. The product is used as a standard to measure the performance of glass, windows, window film, and specialty coatings. Applications include field assessment and comparative testing, along with conducting convincing sales presentations. It provides 6 unique performance values that are important to a variety of industries: Tuv, Tvis, Tsolar, Tir(900-1000nm), Tir(780-1700nm+), and Damage Weight Coefficient. The device is calibrated to ISO9050, NFRC300 and EN410 standards. The user can switch between standards on the instrument, depending on what part of the world they are in. Many of our previous instruments that measured infrared energy only tested infrared energy from 900-1000nm, giving you only a small snapshot of the infrared spectrum. Our SS2450 instrument extends this IR range and measures a fuller IR spectrum of energy from 780nm out to 1700nm+, telling the rest of the story.



SOLAR SPECTRUM TRANSMISSION METER SALES KIT (#SK1830)

Featuring the SS2450 Solar Spectrum Meter, this kit is the most accurate sales kit offered to date. The products in the kit allow you to demonstrate analytical performance values, as well as appeal to the sensory side of your customers mind. This puts you in a great position to **close every sale**, regardless of the type of customer you encounter. For analytical measurements you have the SS2450 product (described above) as well as the MT1575 Infrared Thermometer to demonstrate actual energy performance and heat transfer. For the "sensory thinkers", the kit includes our popular HS2050 "HEAT-SHEET" Temperature Demonstration Cards and a choice between the HL1040/HL2040 Heat Lamps. These two products allow your customer to not only feel the heat, but see it visually as well. A convenient GS1333 Glass Set and Carry Case/Organizer complete this professional kit.



SOLAR SPECTRUM FIELD SERVICE & SALES KIT (#SK1840)

If you are looking for **one kit that covers all your needs** in the field, lab or office, the SK1840 kit may be what you are looking for. Featuring the SS2450 Solar Spectrum Meter, this kit equips you to accurately assess any project first, then switch gears and perform dynamic sales presentations. **Be the expert** your customer is looking for, by being able to answer far more questions than your competition. To begin your appointments, use the GC3001 Glass-Chek PRO and SG2700 Tempered Glass Detector to fully assess the windows that are installed on a project. By doing so, you not only protect yourself against unexpected situations, but you provide valuable reassurance and information to your customer. All of this without even beginning your sales pitch. You have effectively become a **trusted sales technician** at this point. Now switch gears and use the convincing sales demonstration tools explained above in the SK1830 kit that are also included in this kit. In addition to the previously mentioned items, the SK1840 kits adds the SP2065 Solar Transmission Meter, SP2075 stand, and our HS2056 Acrylic Demonstration Base to organize your sales presentation, allowing you to work hands-free.



WINDOW ENERGY PROFILER **IN-FRAME TESTER** (#WP4500)

Our IMPROVED Window Energy Profiler conducts energy measurements on **ACTUAL** windows that are already manufactured and even installed in the field. This exciting product is large enough to **fit around the sash and frame** of most windows. Now you can conveniently test the performance of operable windows in the field or factory. In some cases, you can even test the window in its frame as it arrives at a job-site to confirm the proper window has arrived for your project. Simply slide the instrument around the profile of the window and measure the estimated Solar Heat Gain Coefficient** (SHGC or G-value), as well as the UV, Visible (VLT) and Infrared transmission values. Use the WP4500 as a **POWERFUL** sales tool to evaluate your customers existing windows, confirming the need for YOUR retrofit product. The perfect product for field inspectors who have limited tools to help identify the type of Low E Coatings that exist on installed windows. Improvements include new embossed switches for a sleeker flat panel design, and electronics resulting in improved performance on a wider variety of glass.

**SHGC measurement not valid for tinted or colored glass.



WINDOW ENERGY PROFILER SALES BROCHURE (#WP4520)

If you've already made the smart decision to implement the WP4500 Window Energy Profiler into your sales pitch, here is the sales aid that makes it simple for the window dealer to explain the benefits of the high performance window being offered. This professional brochure describes the energy measurements of the WP4500 in simple terms and explains the benefits or negative effects of the UV, Visible Light and SHGC values. This acts as a great technical resource for dealers in the field and helps educate the customer as to why they should buy your window. The inside of the brochure even includes an area to write down the performance numbers of the windows being demonstrated. This makes for a great sales aid because the dealer can leave this brochure with the customer so they can ponder the poor performance of their existing windows as compared to the window you are offering.



WINDOW ENERGY PROFILER SALES KITS (#SK1740)

Introducing the most **CONVINCING** sales demonstration kit ever offered to the industry: The Window Energy Profiler Sales Kits. **For the first time ever, sales technicians can go into a customer's home and analyze the poor performance of their existing windows, and then turn around and use the exact same instrument to demonstrate how well their new windows will perform.** Take advantage of the opportunity to educate your customer about their existing condition and how your product will improve it. The kit includes our GS1333 Glass Sample Set and your choice between the HL1040/HL2040 Infrared Heat Lamps to facilitate your convincing demonstration. The SK1740 kit also includes the MT1575 Temperature Gun. This kit is the most dynamic demonstration kit offered. Bring the Energy Star performance of your windows to life!!

SALES TOOLS TO CREATE MONEY



MEGA-KIT: ALL INCLUSIVE PACKAGE (#MK1221) **UPDATED!!**

Don't ever be caught without the right tool for the job. The MK1221 MEGA-KIT includes all of the most popular products offered by EDTM. The kit includes the following products: WP4500, GC3200, MT1576, MG1500, AE3600, SG2700, TS2300, SP2065, GS1333 and several copies of our award winning WP4520 Window Profiler Sales Brochure. All of these products are packaged in our light-weight traveling case/organizer that includes a convenient shoulder strap for hands-free carrying. The case protects your products and allows you to keep them altogether so they are available when you get to the jobsite. The package price offers a significant savings over purchasing each of the products separately.



WINDOW ENERGY METER **FEATURING SHGC VALUES** (#WE2500)

The Window Energy Meter was the first product of its kind able to estimate Solar Heat Gain Coefficient (SHGC)** values for transparent Low-E windows. The instrument also adds the benefit of demonstrating UV and Visible Light transmission values. Being a self-contained system, there are no additional light sources or power cords necessary, and no adjustments to make. Simply slide the window sample into the opening and watch the resulting performance data appear on the display. Create LIVE demonstrations of the performance of your ENERGY EFFICIENT windows by showing two important values that are quoted on your Energy Star label (SHGC & VLT). Never before has a portable instrument been capable of demonstrating such important performance values!
** SHGC measurements not valid for tinted or colored glass.



WINDOW ENERGY METER SALES KITS (#SK1640)

Highlighting the capabilities of the WE2500 Window Energy Meter, the SK1640 Window Energy Meter Sales Kit provides you with cutting edge technology to WOW your potential customers. The kit includes our GS1332 Glass Sample Set to facilitate your convincing demonstration. The SK1640 kit also includes the MT1575 Temperature Gun and your choice between the HL1040/HL2040 Infrared Heat Lamps. This comprehensive demonstration kit allows your customer to SEE the benefits of your high performance window by bringing the Energy Star performance values (SHGC & VLT) to life, and also allows your customer to feel the performance by using our Heat Lamp. The NEW HL2040 Heat Lamp can be substituted at no additional cost. Put this kit to work for you now, and watch your prospects turn into customers quickly.



SPECTRUM DETECTIVE: ENERGY TRANSMISSION METER (#SD2400)

The "SPECTRUM DETECTIVE" continues our run of IMPACT products for helping companies demonstrate the performance of their energy efficient windows and films. This portable, battery-powered product allows users to demonstrate -3- performance characteristics at a single time. This convincing instrument simultaneously displays the UV, Visible, and Infrared transmission values for a given product. Simply slide the glass sample into the opening and watch the resulting values be displayed. No additional light sources are needed. Everything is self-contained in a single convenient package. PORTABLE, SIMPLE TO USE, AND EXTREMELY CONVINCING!



SPECTRUM DETECTIVE SALES KITS (#SK1540)

With the SD2400 "Spectrum Detective" serving as its head-liner, the SK1540 Spectrum Detective Sales Kit provides you with not only a prolific demonstration approach, but also a professional and organized kit to compliment your efforts. The kit includes our popular GS1332 Glass Sample Set to facilitate your convincing demonstration. The SK1540 kit also includes the HL1040 Infrared Heat Lamp and our popular MT1575 Temperature Gun. The organized kit provides all the tools necessary to conduct a well-rounded presentation for your customer. You can educate your customer on the performance of your product using the SD2400 and MT1575 products, while the HL1040 Heat Lamp allows you to appeal to your customers sense of touch and sight. The NEW HL2040 Heat Lamp can be substituted at no additional cost.

– FEEL THE HEAT AND SEE THE LIGHT!

SALES TOOLS TO CREATE MONEY



"LIFETILE" TEMPERATURE TARGETS

Make your heat lamp sales demonstration turn into a "real life" demonstration indoors with our "LIFETILE" Temperature Targets. Place them in front of your heat lamp in our convenient HS2056 Acrylic stand and bring the performance of your product to life. Use our Infrared Cameras or Temperature Guns to measure the actual heat that is coming through your window product. Compare a lesser performing product to your energy efficient product, and show how you control the temperatures inside your home or auto. The temperature target behind the clear or uncoated window sample will increase in temperature instantly, while the target behind your energy efficient product will remain near room temperature, bringing its performance to life. LIFETILES include automotive tiles, as well as residential and commercial settings. Ordered in sets of 4.



ARCHITECTURAL SET (#LT1910)



AUTOMOTIVE SET (#LT1915)

"LIFETILES"

NEW!!



FLIR C5 INFRARED CAMERA WITH WIFI (#C5IR)

POCKET-SIZED Infrared Cameras have arrived. The NEW C5IR product has an improved thermal image resolution of 160 x 120, resulting in a 19,200 pixel image. This allows the product to provide much greater resolution, so you can see very defined color gradients that help you trouble shoot very specific problems in the field. Implement the sleek new C5IR camera into your sales presentations and field analysis. Use the C5IR in conjunction with our LIFETILES and Heat Lamps to show your customer the ACTUAL heat that is coming through inferior window products. Become the expert and help your customer "SEE" the problems that are hidden in the framed area surrounding their windows. Many times the solution for a customer goes beyond replacing their windows, and now you can educate your customer by showing them the problems lurking behind their walls. Infrared Images and the actual digital picture can both be stored and later downloaded conveniently from the camera. The free software from FLIR allows you to create impressive reports with very little effort.



"LIFETILE" & INFRARED CAMERA SALES KIT (#SK1930)

Combine these dynamic new products into one sales kit, and close sales on a whole new level. Bring the energy performance of your product to life by setting up a powerful sales performance that allows your customer to SEE the actual heat transfer as it is taking place. With the LIFETILES on the display of your infrared camera, your customer can picture themselves sitting in their living room, or in their automobile, experiencing the before and after performance difference that your product offers. The kit comes standard with the C5IR Infrared Camera, as well as the HL1040 Heat Lamp, HS2056 Acrylic Demonstration Base and a set of either Architectural (#LT1910) or Automotive (#LT1915) LIFETILES. PLEASE NOTE: A Glass Set is not included in this kit.



"LIFETILE" & INFRARED CAMERA SALES KIT (#SK1940)

Building on the description above for the SK1930 kit, the SK1940 kit adds several great options. This kit adds a GS1333 Glass Sample Set as a standard. You can substitute any of the popular glass sets we offer if you prefer. Also included is our popular SP2065 Solar Transmission & BTU Power Meter with its SP2075 stand. This allows you to educate your customer as to how your window product performs so well. The convenient HS2056 Acrylic base includes docking locations to locate your meter in the proper location for the demonstration, making your demonstration seamless and organized, giving you the polished professional approach you are looking for. The kit also includes our popular HS2050 HEAT-SHEET Temperature Demonstration Cards that help illustrate heat transfer in a simple way as well.

SALES TOOLS TO CREATE MONEY



DIGITAL SOLAR TRANSMISSION & POWER METER (#SP2065)

A powerful sales aid for demonstrating the solar performance of windows and film. The improved SP2065 dual meter offers all of the benefits of the SP1065, but the big advantage is the ability to measure actual Solar TRANSMISSION Percentages. Solar Transmission Percentage is an extremely simple concept for your customers to understand; no need to get caught up in the difficult explanation of what is a BTU or Watt. This meter can work directly with the sun or an artificial source (HL1040/HL2040 Heat Lamp). The Solar Transmission Meter allows your sales staff to effectively sell your products' performance through live demonstrations. **Improvements** to the meter include a **sleeker appearance** with an embossed power switch and an auto-power off feature that will extend battery life. Another significant improvement allows the user to switch the meter between units of **BTU's and metric Watts**. An optional stand (Model# SP2075) is now available to hold the meter in front of the heat lamp during your sales presentation.



Optional Stand* →

DIGITAL BTU/WATT SOLAR POWER METER (#SP1065) (+ SP2075)

Use modern-day technology in your sales presentation by implementing our **IMPROVED** DIGITAL BTU/WATT Solar meter. Solar energy from the sun enters your home through your windows and increases the temperature of the furnishings inside your home. Impress your customer by showing them how well your product can reduce the amount of solar energy that will enter their home. When used with our HL1040/HL2040 Heat Lamps, you can perform effective demonstrations indoors in front of your customer. High performance windows and window films are extremely DYNAMIC in this demonstration! **Improvements** to the NEW meter include a **sleeker appearance** with an embossed power switch and an auto-power off feature that will extend battery life. Another significant improvement allows the user to switch the meter between units of **BTU's and metric Watts**. *The picture shows our NEW optional stand (Model# SP2075) that can be ordered as an accessory for the SP2065 or SP1065 meters.



UV & SOLAR SALES PRESENTATION KIT: SOFT CASE (#SK1230)

The SK1230 kit is light-weight and provides the professional image you desire when delivering your sales pitch to ANY customer. The SK1230 kit includes locations for window samples, meters, lamps, product literature & more. Show your customer REAL-LIFE performance numbers using our popular Solar Transmission & BTU Meter (SP2065) and UV Transmission (UV1265) Meters. Use modern-day technology to take your presentation a level above meaningless spinning radiometer bulbs and old-fashioned analog BTU meters. Equip your sales staff with a tool that offers a rapid return-on-investment. The SK1230 Kit **now includes the popular SP2075 stand** for the SP2065 Solar Meter. ****Please Note:** Window samples are not included with this kit, but can be ordered separately from EDTM and added into the kit (See Page 6).



"THE BASIC" SOLAR PRESENTATION LIGHT KIT (#SK1430)

Looking for a simple and lower cost alternative for your window sales kits? The **IMPROVED** SK1430 Basic Solar Presentation Light Kit is the perfect match. This kit features our popular SP2065 Solar Transmission & BTU Power Meter along with its complimenting Infrared Heat Lamp (Model# HL1040). The kit now includes the convenient SP2075 Meter Stand so your meter sets high enough to "see" over the frame of your window samples. Take advantage of the time spent with your customer to educate them on the benefits of your product using transmission percentages instead of confusing BTU's. If your customer learns something from your sales pitch, your likelihood of closing the sale grows exponentially. The SK1430 includes our new case that features a zippered pouch to hold literature, pens, business cards and other selling materials. You can substitute the HL2040 Heat Lamp or add up to 5 window samples to the kit (not included). (See Page 6).



UV TRANSMISSION METER (#UV1265)

BRING YOUR WINDOWS UV PERFORMANCE TO LIFE! The UV1265 UV Transmission Meter was designed specifically for sales demonstrations. The design is very simple to operate and offers a considerably lower cost alternative. Demonstrate for your customers how well your product blocks the damaging UV rays of the sun. High performance Low E coatings and window film offer tremendous UV blocking capabilities, and provide for an **AMAZING** demonstration. When used with the UV1390 UV Demonstration Lamp, you can conduct simple sales presentations safely indoors in front of your customer. A **SIMPLE** approach to promote a **SIGNIFICANT** feature.

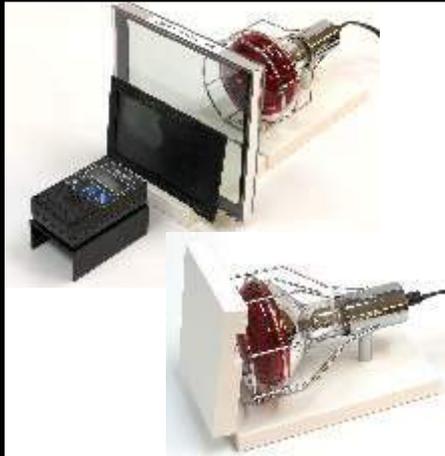
SALES TOOLS TO CREATE MONEY



IMPROVED!

INFRARED HEAT LAMP ASSEMBLY (#HL1040) [IMPROVED DESIGN](#)

To maximize the effect of your sales presentations, include this dynamic RED infrared heat lamp. The HL1040 is the perfect complement to presentations using our solar meters (SP2065) and HEAT-SHEET Temperature Demonstration Cards (HS2050). The intense heat and light produced by this lamp provide that HUGE impact you are looking for in your sales presentations, and allow you to communicate with the "sensory" decision makers. An extra long power chord (15') and durable ON/OFF switch make this product a guaranteed success in the field. Improvements include a more secure mounting design, nickel plating throughout the cage & post, and a convenient velcro strap for the power cord. Don't let a low quality heat lamp leave you stranded in the middle of your sales presentation. Let your customers FEEL THE HEAT and SEE THE LIGHT! Available in 120V and 240V versions.



INFRARED HEAT LAMP ASSEMBLY w/ FOLD-UP BASE (#HL2040)

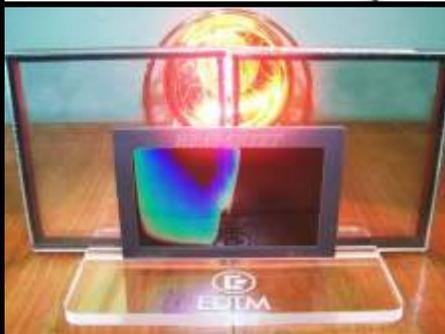
Based on feedback from our customers, we are excited to introduce a new heat lamp to our line. This new compact design includes a fold-up base that has a notch to hold 1-inch thick windows, as well as a location for our popular HEAT-SHEETS. The convenient fold-up base uses a high quality hinge to open easily. When you are finished using the lamp, a convenient magnet will hold the flip-up base closed against the metal cage, making it easy to handle. The heat lamp includes a lengthy 15' power cord that is gathered by a convenient velcro strap for storage. The design uses a robust nickel-plated mount for the lamp assembly, so you are assured of a quality product that will last for many years. This 250 Watt bulb is smaller than traditional heat lamp bulbs, allowing for a smaller footprint of only 4.5 x 8.75 inches. The design uses the same high quality power switch and metal cage as our HL1040 model. The product is available in 120V and 240V versions. Put this clever new heat lamp to work selling your window products. Sensory decision makers can't resist the impact of this powerful little lamp in your sales presentations.



HS2056

SALES DEMONSTRATION ACRYLIC BASE (#HS2056)

Organize your entire sales presentation with this convenient acrylic base that holds several of your popular sales tools in place. The base is designed to hold our HS2050 Heat-Sheet Temperature Cards conveniently in front of two of our window samples (side-by-side) and our HL1040 Heat Lamp. The base also includes locating pins designed to position our popular SP2065/SP1065 Solar Meters mounted in the NEW SP2075 stand. Arrive at each sales opportunity with this complete sales demonstration showing LIVE performance values as well as sensory heat transfer information. The base measures 8" x 10" and includes rubber feet on the bottom so not to damage any surface you conduct the demonstration on. The HS2056 base comes with NO LOGO printed. With a minimum order requirement, your full color logo can be included on the base, as shown in the picture. This product can be customized to fit your needs!



HEAT-SHEET® TEMPERATURE DEMONSTRATION CARD (#HS2050)

Our Heat-Sheet provides a dynamic presentation for illustrating how heat transfers through given materials, including windows. Now your customer will be able to "SEE" heat, and more importantly heat transfer in a very visual way. Use the temperature card to compare lesser performing products to your high performance offering. The card can be used with our popular Heat Lamps, or with direct sunlight. For window film applications, you can apply a piece of window film to a window facing the sun, and then hold the card up to the window and compare the coated versus uncoated areas. **Side-by-side comparisons are quick and easy** and appeal to the customers senses convincingly. Watch as the colors change from black to red, to green, to blue, plus variations in between. The HS2050 measures 4" x 6" and custom sizes are available.



ACRYLIC BASE FOR HEAT-SHEET® TEMPERATURE CARDS (#HS2052)

Use our convenient acrylic bases to hold your Heat-Sheet during your sales presentation. These convenient bases allow you to conduct a more hands-free demonstration as the base holds the card upright during your presentation. The standard HS2052 base comes blank with no logo included. The image to the left shows an example with the EDTM logo laser-inscribed. With a minimum order of 50 pieces, we can include your logo on the bases for a small additional charge. Your logo can be laser engraved or printed in full color. The HS2052 measures 2" x 4" .

SALES TOOLS TO CREATE MONEY



FREEZE SPRAY FOR SEAL FAILURE & DEMONSTRATIONS (#FS2060)

EDTM FREEZE SPRAY lowers component temperatures to -65°F (-54°C). Use the spray to demonstrate the effectiveness of your energy insulating products, by showing how thermal conductance is minimized. **This is a GREAT method to demonstrate how Low E Coatings help reduce U-Values of windows by reflecting heat back inside the home or building.** FREEZE SPRAY is also great for testing windows for seal failure. Simply spray near the corner of a double pane or triple pane window. Wipe away the frozen layer from the first surface, and check to see if there is a build up of frost on the other side of the glass that is facing the air space. A layer of frost facing the inside air space confirms the presence of moisture inside the "sealed" window. Moisture inside the air space of the window is a good indicator that the seal may be jeopardized. Features include: anti-static, plastic safe, non-abrasive, safe on most surfaces, dries instantly, and leaves no residue. Each can contains 10 ounces, and are packaged 12 cans per case.



NEW!!



NON-CONTACT THERMOMETER-FULL COLOR DISPLAY (#MT1576)

Our NEW Digital Non-contact Thermometers offer a simple method for illustrating the performance of your high performance windows and coatings. This new model adds a full color display, as well as a **circular laser ring** that shows the exact area being measured. No other model on the market offers these great features at such a competitive price. Perform side-by-side comparisons of clear windows versus your high end Low E products. By incorporating our HL1040 Heat Lamp you can illustrate the glass surface temperature of both windows. For **CONVINCING** in-home demonstrations, you can measure the extreme temperature of furnishings near a window to illustrate the poor performance of their old windows. The MT1576 display provides real-time temperature measurements, while also showing the maximum temperature documented during the measurement session, making for great before & after comparisons. Replaces Model MT1575.



NEW!!

ECONOMY NON-CONTACT THERMOMETER (#MT1581)

If you are looking for a lower cost economy thermometer, the NEW MT1581 is a good option. Even our economy model offers dual displays, showing the maximum measurement along with the current value. It is a great addition to any window sales kit where you are illustrating the performance of your high performance windows and coatings. Pair the MT1581 with our HL1040 or HL2040 Heat Lamps to create a simple demonstration illustrating glass surface temperatures, or interior temperatures of a room. A laser pointer helps illustrate the exact surface location being tested. This economy product includes a backlit LCD display and the results can be shown in Celsius or Fahrenheit, similar to the MT1576 product. Both models also have adjustable emissivity settings for more technical applications.



DUAL TRANSMISSION METER: UV & SOLAR (#XM1400)

Combining the popular features of our SP2065 Solar Transmission Meter and our UV1265 UV Transmission Meter, EDTM is offering a single meter to conduct both measurements. A convenient toggle switch on the front of the meter allows you to switch back and forth between Solar and UV Transmission Measurements. The meter is simple to use and allows you to convincingly demonstrate the outstanding performance of your window. This meter draws from our experience that proves the best way to sell a window is by conducting presentations with instruments showing energy performance in transmission percentages. Show your customer the energy savings that occurs from reduced Solar Transmission values, and also educate them on the reduction in fading they will experience by reduced UV transmission.



YOUR LOGO HERE

THERMO-HYGROMETER: FOR CONDENSATION (#TH1900)

Prevent unnecessary service calls with an inexpensive Thermo-Hygrometer. Every winter, the phone starts ringing with customers complaining about condensation on their new windows! We know the problem is usually not a window defect but rather the high humidity inside homes compared with the low temperatures outside. The TH1900 Thermo-hygrometer will accurately measure the relative humidity in the home, making it easy for the homeowner to self-diagnose their humidity levels which can drastically reduce expensive service calls. It's in a window manufacturer's best interest to be pro-active and provide every customer with an inexpensive EDTM Thermo-hygrometer to help eliminate those phone calls to the service department. Private branding options are available for the instrument, box, and even the LCD display. **APPLICATIONS INCLUDE:** flooring, housing, construction, and I.T. departments where humidity is a concern.

SALES TOOLS TO CREATE MONEY



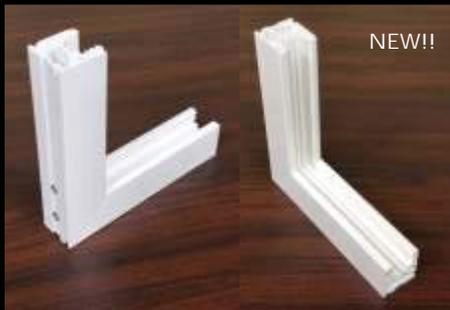
UV DEMONSTRATION LAMP (#UV1390)

Offering the perfect complement to our UV Transmission Meters, the UV1390 UV Demonstration Lamp allows you to conduct DYNAMIC sales presentations indoors in front of your customers. UV energy levels inside many homes are not sufficient to conduct convincing demonstrations, unless you are operating next to a window on a bright sunny day. Unfortunately your sales staff cannot control the weather as they conduct their sales presentations. The compact design of this UV lamp allows you to conveniently set up presentations in any environment. The lamp is battery operated (4AA-included) and outputs true UV energy centered at 365nm. This low cost accessory is a true necessity for an effective presentation.



UV DEMONSTRATION CARD (#UV1395)

If you are looking for an extremely low cost method to demonstrate the UV protection your product offers, consider this simple UV Demonstration Card that glows the words "DAMAGING ULTRAVIOLET RADIATION" when exposed to energy from our UV1390 Demonstration Lamp. Show your customer how much better your product performs by placing it side-by-side with other products in this demonstration. Watch as the words continue to glow in front of the lesser performing product, while the glow extinguishes on the UV card behind your better performing product.



MECHANICAL CORNER SAMPLE (#KT2329)

Helpful item to include in your window sales kit to demonstrate the difference between a mechanically fastened corner versus a vinyl welded frame. The legs of the frame are 7 inches long, while the thickness is approximately 1.5 inches wide.



CLEAR COMPONENT BOX (#KT2320)

This clear plastic component box is a great addition to every sales kit. The perfect solution for holding all of the small components in your sales kits, this item helps organize them and conserve precious space in the foam base of your case. The clear wall construction makes it convenient to see what is held inside. Including the box in your kits allows you the flexibility to add small items to your kits on the fly, without having to change the foam base design of your case. Many designers include multiple boxes in each kit to maximize flexibility for future small component additions. The cover latches closed so you don't have to worry about your small components falling out. The internal dimensions of the box are 5.1 x 3.1 x 1.3 inches. The external dimensions are 5.4 x 3.7 x 1.5. The footprint cutout dimensions in your foam base should accommodate the 5.4 x 3.7 inch dimensions.



QUANEX SPACER SAMPLE SET (#KT2322)

Spacer technology is obviously a very important component in the construction of your windows. This simple spacer sample set provides examples of 3 different spacer technologies. You can use the samples to demonstrate structure, composition and even thermal conductivity. The samples are approximately 4 inches long.



CARDINAL "ENDUR" SPACER SAMPLE (#KT2327)

Spacer technology is obviously a very important component in the construction of your windows. This ENDUR spacer sample allows you to demonstrate structure, composition and even thermal conductivity. The sample is approximately 4 inches long.

SALES TOOLS TO CREATE MONEY

NEW!!



PLASTIC VIAL WITH CAP (#KT2321)

This convenient plastic vial is perfect for holding samples of granular material of other raw materials you might like to demonstrate in your sales presentation. The vial includes a cap that seals the container. Many companies like to demonstrate different styles of virgin vinyl powder (EDTM# KT2323) or vinyl re-grind (EDTM# KT2324). The dimensions of the vial are 0.54 inches round x 4.05 inches long.

NEW!!



PLASTIC BOTTLE WITH WHITE SCREW CAP (#KT1783)

This convenient plastic bottle is great for holding samples of granular material of other raw materials you might like to demonstrate in your sales presentation. The vial includes a white screw cap that securely seals the plastic container. Many companies like to demonstrate different styles of virgin vinyl powder (EDTM# KT2323) or vinyl re-grind (EDTM# KT2324). The dimensions of the plastic bottle are vial are 1.10 inches round x 3.24 inches long.

NEW!!



VIRGIN VINYL POWDER (#KT2323)

If you would like to demonstrate the raw materials used to build your vinyl windows, perhaps you would like to include a sample of the white virgin vinyl powder. Some manufacturers like to educate their customer about the different materials used in the construction of vinyl window frames. The virgin vinyl powder can be stored in EDTM's KT2321 Plastic Vials or the KT1783 Plastic Bottle with Screw Cap for placement in your sales kit.

NEW!!

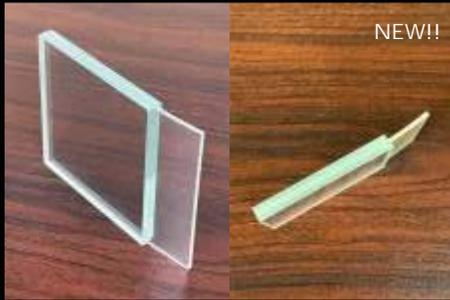


VINYL RE-GRIND PARTICLES (#KT2324)

If you would like to demonstrate the raw materials used to build various vinyl windows, perhaps you would like to include a sample of vinyl re-grind particles in your sales kits. Some manufacturers like to educate their customer about the different materials used in the construction of vinyl window frames. The vinyl re-grind particles can be stored in EDTM's KT2321 Plastic Vials or the KT1783 Plastic Bottle with Screw Cap for placement in your sales kit.

FUTURE PRODUCTS

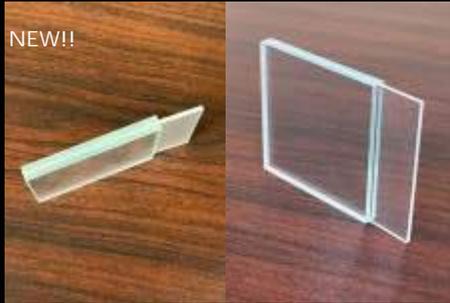
SALES TOOLS TO CREATE MONEY



NEW!!

LAMI-TAIL SAMPLE WITH PVB (#KT2326)

If you want to demonstrate the construction of laminated glass to your customers, this sample offers a great visual as to how laminated glass is constructed with PVB laminate. The flexible PVB laminate extends past the edge of the glass so your customer can see and feel how the laminate inner layers functions. The glass itself measures 3 inches square, while the PVB extends an additional inch. Therefore the overall dimensions are 4 x 3 x 0.33 inches. The PVB thickness is approximately 0.090"



NEW!!

LAMI-TAIL SAMPLE WITH SENTRYGLAS (#KT2328)

If you want to demonstrate the construction of laminated glass to your customers, this sample offers a great visual as to how laminated glass is constructed with SentryGlas laminate. The RIGID laminate extends past the edge of the glass so your customer can see and feel how the laminate inner layers functions. The glass itself measures 3 inches square, while the laminate extends an additional inch. Therefore the overall dimensions are 4 x 3 x 0.33 inches. The laminate thickness is approximately 0.090"



NEW!!

OBSCURE GLASS SAMPLE - PATTERN 62 (#KT2325)

Include a sample of the obscure glass you offer for special applications. We offer the Pattern 62 obscure pattern that is extremely popular in the industry. The glass sample is 4 x 4 inches square and is 1/8" thick.



NOW WITH WHITE VINYL WRAP INCLUDED!

IG SAMPLE SET: CLEAR+ HARD+ DOUBLE+ TRIPLE SILVER (#GS1333)

Keeping up with the latest high performance Low E Coatings available to the market, we have added this new set of glass that helps window dealers educate their customer on the differences between Hard Coat and the different types of Soft Coat Low E Coatings. The GS1333 Glass Set includes a total of -5- samples: -1- Clear Single Pane of Glass, -1- Clear IG Window, -1- Hard Coat Low E IG Window, -1- Double Silver Soft Coat Low E IG Window and -1- Triple Silver Soft Coat Low E IG Window. The glass samples are great for showing the different performance characteristics of the latest low e coatings available. The 7" sample sizes are perfect for inclusion in our popular Sales Kits.



NOW WITH WHITE VINYL WRAP INCLUDED!

GLASS & IG SAMPLE SET: CLEAR+ SOFT+ HARD COAT (#GS1332)

This combination of glass has been extremely popular for window dealers that are conducting sales demonstrations to educate their customer on the differences between Hard Coat and Soft Coat Low E Coatings. The GS1332 Glass Set includes a total of -4- samples: -1- Clear Single Pane of Glass, -1- Clear IG Window, -1- Hard Coat Low E IG Window, and -1- Soft Coat Low E IG Window. The glass samples are great for showing the different performance characteristics of different types of low e coatings. The 7" sample sizes are perfect for inclusion in our popular Sales Kits.



NOW WITH WHITE VINYL WRAP INCLUDED!

GLASS & IG SAMPLE SET FOR SALES KIT (#GS1331)

Conduct your sales demonstration effectively by including glass samples to help illustrate the benefits of coated glass over standard clear glass. The GS1331 Glass Set includes a total of -6- samples: -2- Clear Single Panes of Glass, -2- Clear IG Windows and -2- Low E (hard coat) IG Windows. The 7" glass samples can be used to illustrate a variety of energy performance values.

SALES TOOLS TO CREATE MONEY



CLEAR UNCOATED SINGLE PANE GLASS (#GG1344)

If you would like to customize the glass included in your sales kit, this is a single piece of clear uncoated glass. The glass is 7 inches square and 1/8 inch thick. The sample includes a white vinyl wrap on the perimeter to protect the edges from chipping or cracking during your presentations. With the white vinyl wrap included, the final dimensions of the window are 7.25 x 7.25 x 0.42 inches. The sample can be custom ordered with the white vinyl wrap excluded.



HARD COAT LOW-E SINGLE PANE GLASS (#GG1347)

If you would like to customize the glass included in your sales kit, this is a single piece of hard coat low-e glass. The glass is 7 inches square and 1/8 inch thick. The sample includes a white vinyl wrap on the perimeter to protect the edges from chipping or cracking during your presentations. With the white vinyl wrap included, the final dimensions of the window are 7.25 x 7.25 x 0.42 inches. The sample can be custom ordered with the white vinyl wrap excluded. This sample is great for conducting demonstrations to educate customers about how low-e coatings function in the cold winter months by reflecting the cold temperatures back outside, while holding the heat inside. Use EDTM's Freeze Spray (#FS2060) and our C5IR Infrared Camera or MT1576 Temperature Gun to bring the performance of a low-e coating to life, right in front of your customer!!



CLEAR (UNCOATED) DOUBLE PANE WINDOW (#IG1340)

To demonstrate the poor energy performance of a window with no low-e coatings, be sure to include a clear uncoated double pane window in your presentation. Comparing a clear window to a low-e coated window will help build the value of your high performance window product. The standard window is constructed of 1/8" glass with a 1/2" spacer. Other options may be available. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 0.95 inches.



HARD COAT LOW-E DOUBLE PANE WINDOW (#IG1341)

Demonstrating the performance of various low-e coatings can help educate your customer about the best choice for their climate. Be sure to include a hard coat (pyrolytic) low-e coating to demonstrate its passive energy performance. The standard window is constructed of 1/8" glass with a 1/2" spacer. Other options may be available. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 0.95 inches.



DOUBLE SILVER LOW-E DOUBLE PANE WINDOW (#IG1342)

Demonstrating the performance of various low-e coatings can help educate your customer about the best choice for their climate. A double silver soft coat (sputtered) low-e coating is a spectrally selective coating that performs well in many climates. Spectrally selective means the coating can not only reduce ultraviolet (UV) energy that causes fading and damage to furnishings, but it also reduces solar gain by blocking infrared energy. The standard window is constructed of 1/8" glass with a 1/2" spacer. Other options may be available. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 0.95 inches.



TRIPLE SILVER LOW-E DOUBLE PANE WINDOW (#IG1343)

Demonstrating the performance of various low-e coatings can help educate your customer about the best choice for their climate. A triple silver soft coat (sputtered) low-e coating is a spectrally selective coating that performs well in many climates. Spectrally selective means the coating can not only reduce ultraviolet (UV) energy that causes fading and damage to furnishings, but it also reduces solar gain by blocking infrared energy. The third layer of silver offers additional performance benefits over a double silver coating in many climates. The standard window is constructed of 1/8" glass with a 1/2" spacer. Other options may be available. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 0.95 inches.

SALES TOOLS TO CREATE MONEY

NEW!!



DOUBLE PANE WINDOW FILLED WITH INSULATION (#IG1345)

Sometimes in sales presentations, it is fun to illustrate to a customer what a perfect window might look like from a thermal performance standpoint. To illustrate this point, many sales team members will use this double pane window filled with insulation to bring that point to life. The standard window is constructed of 1/8" glass with a 1/2" spacer. Other options may be available. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 0.95 inches.

NEW!!



DOUBLE PANE WINDOW WITH SUSPENDED FOIL (#IG1585)

Similar to the Insulation Window above, this window offers a fun illustration of what a perfect window might look like from a thermal performance standpoint. To illustrate this point, many sales team members will use this double pane window that has a reflective foil suspended between the two panes of glass to make their point. The standard window is constructed of 1/8" glass with 1/4" spacers and the foil suspended in the center. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 0.86 inches.

NEW!!



CLEAR (UNCOATED) TRIPLE PANE WINDOW (#IG1346)

While a triple pane window yields a better insulating value (U-value) of a window, the lack of a low-e coating results in a window that under-performs, both in terms of insulating, as well as Solar Heat Gain Coefficient (SHGC). This can be easily and convincingly demonstrated using this triple pane window in conjunction with our SP2065 Solar Transmission Meter and HL1040 Heat Lamp. Comparing this window to a low-e coated window will help build the value of your high performance window product. The standard window is constructed of 1/8" glass with 1/4" spacers. Other options may be available. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 1.0 inches.

NEW!!



SINGLE SILVER LOW-E DOUBLE PANE WINDOW (#IG1348)

Demonstrating the performance of various low-e coatings can help educate your customer about the best choice for their climate. A single silver soft coat (sputtered) low-e coating is used primarily in cool climates where heating is the primary cost of climate control indoors. The standard window is constructed of 1/8" glass with a 1/2" spacer. Other options may be available. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 0.95 inches.

NEW!!



TRIPLE PANE WITH DOUBLE SILVER LOW-E ON S2 & S5 (#IG1586)

Demonstrating the performance of various low-e coatings can help educate your customer about the best choice for their climate. This higher performing triple pane window includes a double silver low-e coating on surfaces 2 and 5. A double silver soft coat (sputtered) low-e coating is a spectrally selective coating that performs well in many climates. Spectrally selective means the coating can not only reduce ultraviolet (UV) energy that causes fading and damage to furnishings, but it also reduces solar gain by blocking infrared energy. The standard window is constructed of 1/8" glass with 1/4" spacers. Other options may be available. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 1.0 inches.

NEW!!



TRIPLE PANE: TRIPLE SILVER S2/DOUBLE SILVER S5 (#IG1587)

This high performance triple pane window includes a triple silver low-e on surface 2, and also a double silver low-e on surface 5. Triple and double silver soft coat (sputtered) low-e coatings are spectrally selective coatings that perform well in many climates. Pairing the two coatings together in a triple pane window results in a very high performing window that reduces ultraviolet (UV) energy that causes fading and damage to furnishings, and also reduces the Solar Heat Gain Coefficient (SHGC) by blocking infrared energy. The standard window is constructed of 1/8" glass with 1/4" spacers. Other options may be available. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 1.0 inches.

SALES TOOLS TO CREATE MONEY



CORNER CUT DOUBLE PANE WINDOW (#CC1591)

The construction of a window, and in particular the insulating glass (IG) unit, is often a detail that is important to educate the customer about. This double pane corner cut window sample allows you to "look inside" the IG to understand how the window is assembled. The window uses super spacer technology and is constructed of two pieces of 1/8" clear (uncoated) glass. The corner cut window is stocked with a 1/2" spacer, but other spacer thickness can be selected when ordering. The length of the two sides of the window are 6 inches long.



CORNER CUT TRIPLE PANE WINDOW (#CC1594)

The construction of a window, and in particular the insulating glass (IG) unit, is often a detail that is important to educate the customer about. This triple pane corner cut window sample allows you to "look inside" the IG to understand how the window is assembled. The window uses 1/4" super spacer technology and is constructed of three 1/8" panes of clear (uncoated) glass. The length of the two sides of the window are 6 inches long, while the thickness is 0.86 inches.



CORNER CUT WITH 0.060" PVB LAMI WINDOW (#CC1588)

When it comes to laminated glass and hurricane windows, it is very helpful to demonstrate how the window is constructed from an edge-view, helping the customer to understand what they are paying for. This double pane corner cut window sample uses a laminated piece of glass constructed of two pieces of 2.7mm glass with a 0.060" PVB laminate in between. The laminated glass is paired with a clear uncoated 1/8" glass to complete the double pane assembly. The stocked version of this window includes 7/16" super spacer technology, resulting in an overall thickness of 0.83". Other spacer thickness can be requested. The length of the two sides of the window are 6 inches long.



CORNER CUT WITH 0.090" PVB LAMI WINDOW (#CC1589)

When it comes to laminated glass and hurricane windows, it is very helpful to demonstrate how the window is constructed from an edge-view, helping the customer to understand what they are paying for. This double pane corner cut window sample uses a laminated piece of glass constructed of two pieces of 2.7mm glass with a 0.090" PVB laminate in between. The laminated glass is paired with a clear uncoated 1/8" glass to complete the double pane assembly. The stocked version of this window includes 7/16" super spacer technology, resulting in an overall thickness of 0.86". Other spacer thickness can be requested. The length of the two sides of the window are 6 inches long.



DOUBLE PANE: TRIPLE SILVER S2 + SURFACE 4 LOW-E (#IG1595)

This newer high performance double pane window includes a triple silver low-e on surface 2, and a Surface 4 low-e coating. The surface 4 low-e can be Cardinal i89 or other hard coat low-e offering. The triple silver soft coat (sputtered) low-e coatings are spectrally selective coatings that perform well in many climates, helping to reduce the Solar Heat Gain Coefficient (SHGC) of the window. The surface 4 low-e coating helps improve the insulating value (U-value) of the window by helping to reflect the heat from inside the building back inside during the cold winter months. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 0.95 inches. 1/2" Super Spacer is used standard, but other spacer thickness options are available.



DOUBLE PANE: DOUBLE SILVER S2 + SURFACE 4 LOW-E (#IG1596)

This newer high performance double pane window includes double silver low-e on surface 2, and a Surface 4 low-e coating. The surface 4 low-e can be Cardinal i89 or other hard coat low-e offering. The double silver soft coat (sputtered) low-e coatings are spectrally selective coatings that perform well in many climates, helping to reduce the Solar Heat Gain Coefficient (SHGC) of the window. The surface 4 low-e coating helps improve the insulating value (U-value) of the window by helping to reflect the heat from inside the building back inside during the cold winter months. With the protective white vinyl wrap on the perimeter, the resulting window dimensions are 7.2 x 7.2 x 0.95 inches. 1/2" Super Spacer is used standard, but other spacer thickness options are available.

SALES TOOLS TO CREATE MONEY

NEW!!		<p><u>LAMINATED 0.090" PVB W/ TRIPLE SILVER LOW-E (#IG1590)</u></p> <p>This laminated window gives you the opportunity to demonstrate the performance and appearance of a high performance laminated window. The window includes a laminated piece of glass constructed of two pieces of 2.7mm glass with a 0.090" PVB laminate in between. The laminated glass is paired with an 1/8" triple silver low-e coated pane of glass to complete the high performance IG. The stocked version of this window includes 1/2" super spacer technology. Other spacer thicknesses may be available. The window dimensions are 7 inches square. The window can be ordered with or without the protective white vinyl wrap on the perimeter.</p>
NEW!!		<p><u>LAMINATED 0.090" PVB W/ DOUBLE SILVER LOW-E (#IG1592)</u></p> <p>This laminated window gives you the opportunity to demonstrate the performance and appearance of a high performance laminated window. The window includes a laminated piece of glass constructed of two pieces of 2.7mm glass with a 0.090" PVB laminate in between. The laminated glass is paired with an 1/8" double silver low-e coated pane of glass to complete the high performance IG. The stocked version of this window includes 1/2" super spacer technology. Other spacer thicknesses may be available. The window dimensions are 7 inches square. The window can be ordered with or without the protective white vinyl wrap on the perimeter.</p>
NEW!!		<p><u>LAMINATED 0.090" PVB DOUBLE PANE WINDOW (#IG1593)</u></p> <p>This laminated window gives you the opportunity to demonstrate the performance and appearance of a basic laminated window. The window includes a laminated piece of glass constructed of two pieces of 2.7mm glass with a 0.090" PVB laminate in between. The laminated glass is paired with an 1/8" clear uncoated pane of glass to complete the IG. The stocked version of this window includes 1/2" super spacer technology. Other spacer thicknesses may be available. The window dimensions are 7 inches square. The window can be ordered with or without the protective white vinyl wrap on the perimeter.</p>

CUSTOM & STOCK CASE OPTIONS!!



CC1791: 24 X 19 X 6 in



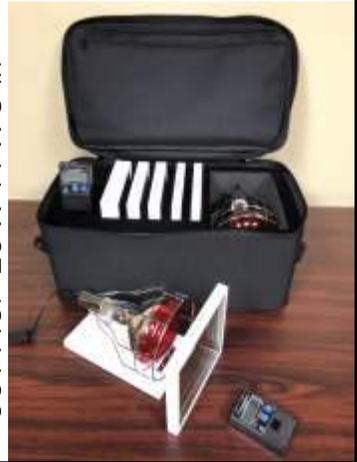
CC1787: 25 X 15 X 4.5 in



CC1781: 28 X 19 X 8 in



CC1731: 20 X 15 X 8 in



CC1445: 20 X 11 X 8 in

Coating Type	Silver Layers	EDTM Visit edtm.com for measurement and detection tools.						Aluminum window no thermal breaks*			Aluminum window w/ thermal breaks*			Wood Window			Vinyl Window					
		IG Configuration	Center of Glass					U-value			U-value			U-value			U-value					
			SHGC	S.C.	Tdw	Tsolar	Tvis	Tuv	Air	Ar	SHGC	Air	Ar	SHGC	Air	Ar	SHGC	Air	Ar	SHGC		
Double Pane Products	Triple	Clear	0.76	0.88	0.74	0.70	0.81	0.56	0.63	0.62	0.64	0.56	0.54	0.63	0.48	0.46	0.57	0.45	0.43	0.56		
		Guardian CG 62/27	0.27	0.31	0.40	0.24	0.62	0.05	0.51	0.49	0.27	0.44	0.41	0.25	0.37	0.34	0.22	0.34	0.31	0.22		
		Cardinal LoE - 366	0.28	0.32	0.42	0.25	0.65	0.05	0.51	0.48	0.27	0.44	0.41	0.25	0.37	0.34	0.22	0.34	0.31	0.21		
	Low-E Sputtered (Soft Coat)	Triple	Vitro SolarBan 70XL	0.28	0.32	0.43	0.25	0.64	0.06	0.51	0.48	0.27	0.44	0.41	0.25	0.36	0.34	0.22	0.33	0.31	0.21	
			AGC Comfort Sel. 28	0.28	0.33	0.48	0.26	0.63	0.17	0.51	0.48	0.28	0.44	0.41	0.26	0.37	0.34	0.23	0.34	0.31	0.22	
			Cardinal LoE - 240	0.26	0.30	0.35	0.21	0.40	0.16	0.52	0.49	0.26	0.44	0.42	0.23	0.37	0.35	0.21	0.34	0.32	0.20	
		Double	Guardian CG 55/27	0.28	0.32	0.40	0.24	0.54	0.18	0.51	0.48	0.27	0.44	0.41	0.25	0.37	0.34	0.22	0.34	0.31	0.21	
			Vitro SolarBan 67	0.30	0.34	0.41	0.26	0.55	0.13	0.51	0.48	0.27	0.44	0.41	0.26	0.37	0.34	0.22	0.34	0.31	0.22	
			Guardian CG 63/31	0.32	0.36	0.50	0.28	0.63	0.23	0.52	0.49	0.30	0.44	0.41	0.28	0.37	0.34	0.25	0.34	0.31	0.24	
			AGC Comfort Sel. 36	0.36	0.42	0.51	0.33	0.66	0.16	0.51	0.49	0.33	0.44	0.41	0.31	0.37	0.34	0.28	0.34	0.31	0.28	
			Guardian CG 70/36	0.37	0.42	0.57	0.33	0.69	0.29	0.52	0.49	0.35	0.44	0.41	0.33	0.37	0.34	0.30	0.34	0.31	0.29	
			Cardinal LoE - 270	0.37	0.43	0.52	0.34	0.70	0.14	0.52	0.49	0.34	0.44	0.41	0.32	0.37	0.34	0.29	0.34	0.31	0.28	
			Guardian CG 71/38	0.39	0.45	0.56	0.35	0.71	0.23	0.51	0.49	0.35	0.44	0.41	0.33	0.37	0.34	0.30	0.34	0.31	0.29	
			Vitro SolarBan 60	0.40	0.46	0.55	0.36	0.72	0.20	0.52	0.49	0.36	0.44	0.41	0.34	0.37	0.34	0.31	0.34	0.31	0.30	
			AGC Comfort Sel. 40	0.40	0.46	0.56	0.36	0.73	0.19	0.52	0.49	0.36	0.44	0.41	0.34	0.37	0.34	0.31	0.34	0.31	0.30	
			Cardinal LoE - 272	0.42	0.48	0.54	0.38	0.72	0.16	0.52	0.49	0.37	0.44	0.41	0.35	0.37	0.34	0.32	0.34	0.31	0.31	
			Single	AGC Comfort Sel. 63	0.57	0.66	0.67	0.53	0.79	0.38	0.52	0.50	0.49	0.45	0.42	0.47	0.38	0.35	0.43	0.34	0.32	0.42
				Guardian CG 75/68	0.63	0.72	0.66	0.57	0.75	0.45	0.53	0.50	0.53	0.45	0.43	0.51	0.38	0.36	0.47	0.35	0.33	0.46
				Vitro Sungate 400	0.64	0.73	0.64	0.58	0.78	0.31	0.53	0.51	0.54	0.46	0.43	0.52	0.38	0.36	0.47	0.35	0.33	0.46
				Cardinal LoE - 180	0.64	0.74	0.62	0.59	0.79	0.28	0.52	0.50	0.55	0.45	0.42	0.53	0.37	0.35	0.48	0.34	0.32	0.47
Pyrolytic Hard coat	Guardian CG 80/70	0.66	0.76	0.69	0.60	0.81	0.40	0.53	0.50	0.56	0.45	0.43	0.54	0.38	0.36	0.49	0.35	0.33	0.48			
	Pilkington Solar E	0.47	0.54	0.51	0.39	0.54	0.38	0.54	0.52	0.41	0.47	0.44	0.39	0.39	0.37	0.35	0.36	0.34	0.35			
	AGC Comfort Sel. 73	0.65	0.75	0.64	0.60	0.74	0.44	0.54	0.51	0.55	0.46	0.44	0.53	0.39	0.37	0.48	0.36	0.34	0.47			
	Vitro Sungate 500	0.66	0.76	0.66	0.60	0.76	0.48	0.55	0.53	0.56	0.47	0.45	0.54	0.40	0.38	0.49	0.37	0.35	0.48			
	Pilkington En. Adv.	0.69	0.79	0.68	0.62	0.76	0.50	0.54	0.52	0.58	0.47	0.44	0.56	0.39	0.37	0.51	0.36	0.34	0.50			
Triple Pane Surface #2 & #5	Triple	Guardian CG 62/27	0.24	0.28	0.26	0.15	0.43	0.01	0.45	0.43	0.24	0.38	0.35	0.22	0.31	0.29	0.20	0.28	0.26	0.19		
		Cardinal LoE - 366	0.24	0.27	0.27	0.16	0.46	0.01	0.45	0.43	0.24	0.38	0.35	0.22	0.31	0.29	0.20	0.28	0.26	0.19		
		Vitro SolarBan 70XL	0.24	0.27	0.27	0.16	0.46	0.00	0.45	0.43	0.24	0.38	0.35	0.22	0.31	0.29	0.19	0.28	0.26	0.19		
	Double	Guardian CG 70/36	0.31	0.36	0.41	0.22	0.54	0.14	0.46	0.43	0.31	0.38	0.35	0.29	0.31	0.29	0.26	0.28	0.26	0.25		
		Cardinal LoE - 272	0.34	0.39	0.40	0.25	0.59	0.07	0.46	0.43	0.33	0.38	0.36	0.31	0.31	0.29	0.28	0.28	0.26	0.27		
		Vitro SolarBan 60	0.35	0.40	0.40	0.26	0.57	0.05	0.45	0.43	0.32	0.38	0.35	0.30	0.31	0.29	0.27	0.28	0.26	0.26		
		Guardian CG 75/68	0.54	0.62	0.52	0.43	0.63	0.29	0.47	0.44	0.47	0.39	0.37	0.45	0.32	0.30	0.41	0.29	0.27	0.40		
		Vitro Sungate 400	0.55	0.63	0.52	0.44	0.69	0.16	0.47	0.44	0.47	0.39	0.37	0.45	0.32	0.30	0.41	0.29	0.27	0.41		
		Cardinal LoE - 180	0.56	0.64	0.50	0.46	0.69	0.13	0.46	0.44	0.48	0.38	0.36	0.46	0.32	0.30	0.42	0.29	0.26	0.41		
		Pilkington En. Adv.	0.60	0.69	0.56	0.50	0.66	0.36	0.47	0.45	0.52	0.40	0.37	0.50	0.33	0.31	0.46	0.30	0.28	0.45		

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EDTM of Toledo, Ohio is the world leader in glass, window & film test equipment. Visit edtm.com for tools to identify various glass characteristics in this pamphlet.

Tuv (Ultraviolet Transmission) is the percent of ultraviolet light being transmitted through the window. UV energy is the primary cause of fading of furnishings and deterioration of fabric. UVA energy passes through standard glass and can only be blocked by special Low E coatings or films.

Tvis (Visible (Light) Transmission) is the percent of visible light being transmitted through the window. A window that allows substantial visible light to pass through enables homes to have a naturally well lit atmosphere.

Tsolar (Solar Transmission) is the percent of solar energy being transmitted through the window, including ultraviolet visible and infrared energy.

Tdw (Damage Weighted Transmission) is a factor quantifying the ability of the glass to reduce fading by measuring the effects of both transmitted UV and visible light. The lower the value, the more protection offered.

SHGC (Solar Heat Gain Coefficient) represents the amount of heat from the sun allowed to pass through your window. The lower the SHGC value, the less of the sun's heat that can pass through the window. Also known as G-Value.

S.C. (Shading Coefficient) is the amount of solar gain (due to direct sunlight) passing through a window divided by the solar energy that passes through 3mm Clear Float Glass. (SHGC = S.C. * 0.87)

U-Value (U-factor or "U-value") describes how well a window conducts heat. The lower the U-Value the better the window insulates against heat transfer. U-Value is the inverse of R-Value.

Ar (Argon) is used to increase the insulating properties of the window.

NOTES:
Data was calculated using LBNL Windows 7.4.6.0 software with NFRC validated spectral data files. Calculation based on 1/8" glass with 1/2" air gap for dual pane and 3/8" air gap for triple pane. Columns indicating argon used 90% fill level of argon. Calculations based on NFRC 100-2010 Environmental conditions. Window values based on NFRC Casement-Single, Aluminum & Aluminum with thermal breaks at 2.25" width. Wood and vinyl at 2.75" width, class 1 edge correlation. U value for winter. Unless indicated, coating on surface #2.
*Data corrected from what is listed in LBNL Windows 7.4.6.0 software.

FRACTIONS TABLE

1/16	1/32
1/8	3/32
3/16	5/32
1/4	7/32
5/16	9/32
3/8	11/32
7/16	13/32
1/2	15/32
9/16	17/32
5/8	19/32
11/16	21/32
3/4	23/32
13/16	25/32
7/8	27/32
15/16	29/32
1	31/32

Low-E Coatings Table

Triple Silver Soft Coat	
Guardian ClimaGuard 62/27	
Cardinal LoE - 366	
Vitro SolarBan 70XL	
AGC Comfort Select 28	
Double Silver Soft Coat	
Cardinal LoE - 240	
Guardian ClimaGuard 55/27	
Vitro SolarBan 67	
Guardian ClimaGuard 63/31	
AGC Comfort Select 36	
Guardian ClimaGuard 70/36	
Cardinal LoE - 270	
Guardian ClimaGuard 71/38	
Vitro SolarBan 60	
AGC Comfort Select 40	
Cardinal LoE - 272	
Single Silver Soft Coat	
AGC Comfort Select 63	
Guardian ClimaGuard 75/68	
Vitro Sungate 400	
Cardinal LoE - 180	
Guardian ClimaGuard 80/70	
Hard Coat Pyrolytic	
Pilkington Solar E	
AGC Comfort Select 73	
Vitro Sungate 500	
Pilkington Energy Advantage	



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MODEL#	PRODUCT DESCRIPTION	QTY	UNIT PRICE	EXTENDED PRICE
AE1601	ETEKT+™ - LOW-E COATING DETECTOR, DUAL PANE			
AE2200/AE2250	LOW-E CARD™ / LOW-E CARD+™ - COATING DETECTOR			
AE3600	LOW-E COATING DETECTOR - SINGLE PANE GLASS ONLY			
CM1030	LOW-E CONTACT METER - SINGLE PANE GLASS ONLY			
CM2030	THE EDGE™ - LOW-E COATING & EDGE DELETION DETECTOR			NEW PRODUCT
DS1670	DIAMONDGUARD/SHOWERGUARD COATING DETECTOR			
C5IR	INFRARED CAMERA: HIGHER RESOLUTION & WIFI			NEW PRODUCT
GC3001	GLASS-CHEK PRO™ - GLASS & AIR SPACE METER WITH LOW-E			NEW PRODUCT
GC3200	GLASS-CHEK ELITE™ - LAMINATE, LOW-E & THICKNESS			
GS _____	GLASS & IG SAMPLE SET FOR KITS - GS1331/GS1332/GS1333			
HL1040/HL2040	RED INFRARED HEAT LAMP ASSEMBLY / FLIP-UP BASE MODEL			
HS2050	HEAT-SHEET® TEMPERATURE DEMONSTRATION CARD			
HS2052/HS2056	ACRYLIC BASE FOR HEAT-SHEET - (2"X4") / (8"X10")			
MG1500	MIG™ - GLASS & AIR SPACE LASER THICKNESS GAUGE			
MT1576/MT1581	NON-CON. THERMOMETER W/ CIRCULAR LASER / ECONOMY			NEW PRODUCT
RC2175/RC3175	R-CHEK™ / R-CHEK+™ - SURFACE RESISTIVITY METER			
RD1661	SHOWERGUARD COATING DETECTOR			
RX1550	REFLEX™ - PROGRAMMABLE COATING DETECTOR			
SD2400	SPECTRUM DETECTIVE™ - ENERGY TRANSMISSION METER			
SG2700	STRENGTHENED GLASS DETECTOR			
SK1230	UV & SOLAR SALES KIT			
SK1430	THE BASIC - SOLAR PRESENTATION SALES KIT			
SK1740	WINDOW ENERGY PROFILER™ SALES KIT			
SK1830/SK1840	SOLAR SPECTRUM SALES KIT / FIELD SERVICE & SALES KIT			
SK1930/SK1940	IR CAMERA & LIFETILE SALES KIT WITH C5IR			NEW PRODUCT
SP1065	BTU/WATT SOLAR POWER METER - DIGITAL			
SP2065	SOLAR & BTU/WATT POWER METER - DIGITAL			
SS2450	SOLAR SPECTRUM TRANSMISSION METER			
TC1800/TC2800	TINT-CHEK™ / TINT-CHEK+™ - WINDOW TINT METER			
TC3800	TINT-CHEK PRO™ - 2-PIECE WINDOW TINT METER			
TH1900/TH1901	THERMO-HYGROMETER - FOR CONDENSATION / FLOORING			
TS1301/TS1320	TIN SIDE DETECTOR - ECONOMY / COMMERCIAL MODEL			
TS1420	LINE-POWERED TIN SIDE DETECTOR			
TS1470	TIN SIDE LAMP - HIGH INTENSITY, LINE POWERED			NEW PRODUCT
TS2300	DIGITAL TIN SIDE DETECTOR			
UV1265	UV TRANSMISSION METER			
UV1390/UV1395	UV SALES DEMONSTRATION LAMP (365nm) / UV CARD			
WP4500	WINDOW ENERGY PROFILER™ - IN-FRAME WINDOW TESTER			

CREDIT CARD INFORMATION

CARD # _____

EXPIRATION DATE _____

NAME ON CARD _____

CVV CODE (3 or 4 digit on back of card) _____

Card Billing Address _____

ORDER SUB-TOTAL _____

SALES TAX _____

OHIO ORDERS ADD 7.25% _____

SHIPPING _____

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ORDER GRAND TOTAL _____



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