

# R-CHEK

FAMILY OF AFFORDABLE,  
PORTABLE, 4-POINT

## SURFACE RESISTIVITY METERS

POCKET SIZE  
PROTECTION

FOR  
PRODUCTION,  
R&D, SALES  
AND  
QUALITY  
ASSURANCE  
PERSONNEL

WHO MUST  
KNOW THEIR  
PRODUCTS ARE  
"COATED"  
PROPERLY

### SURFACE RESISTIVITY DEFINED

The resistance of a thin film/coating is directly proportional to the resistivity and is an important QUALITY CONTROL component of a coating. Therefore resistivity may be the largest single item to determine the repeatability and function of a coating. Sheet resistance has the units of ohms, but it is convenient to refer to it in ohms per square since the sheet resistance produces the resistance of the coating within any square area. This parameter is therefore measured using the 4 point technique.



### OPERATING INSTRUCTIONS

**PRESS:** against subject being tested  
**PUSH:** the power button  
**READ:** the display with the results

### COMMON APPLICATIONS

Measuring conductive coatings for the  
SOLAR, GLASS & WINDOW,  
PHOTONICS, AUTOMOTIVE, DISPLAY,  
and many other industries

### SPECIFICATIONS

	R-CHEK		R-CHEK+	
MODEL#:	RC2175		RC3175	
SCALE:	X1	X10		UNITS
RANGE:	0-1999	0-19990	0-199.9	OHMS/□
RESOLUTION:	1	10	0.1	OHMS/□
ACCURACY:	3% up to 1000 6% up to 19990		0.9% +/- 1 LSD	OF READING

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