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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