

TF portable 1010SR

Contactless sheet resistance tester



The EddyCus® portable 1010SR is a handy and portable measurement device for fast contact measurement of large glasses and foils in production or in the field, for example for quick quality checks after manufacturing or as incoming good inspection. The handheld device allows the measurement even of hidden and encapsulated layers. It is an easy-to-use device that is controlled via a touch display.

Non-destructive testing using eddy current technology – fast, accurate, and ready for on-site quality control.

- Small and portable measurement device
- Measurement of hidden layers
- Manual measurement
- Instant live measurement
- Digital data collection and data transmission via Bluetooth
- Characterization of hidden and encapsulated conductive layers

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The intuitive software interface allows users to quickly select a predefined recipe and initiate a measurement with a single click. Results are displayed in under one second.

- User-friendly user interface
- Touch display
- Digital data tracking
- Long battery lifetime (approximately 9 h in continuous operation)
- Instant measurement of sheet resistance
- Bluetooth interface

Measurement range:

	ULSR	VLSR	LSR	STD	MSR	HSR
Range (ohm/sq)	0.001 – 0.01	0.01 – 1	1 – 10	0.3 – 30	0.3 – 50	0.3 – 100

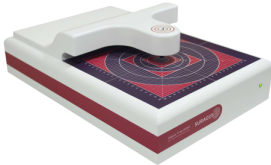
ULSR – Ultra Low Sheet Resistance, VLSR – Very Low Sheet Resistance, LSR – Low Sheet Resistance, MSR – Medium Sheet Resistance, HSR – High Sheet Resistance

Specifications:

Measurement technology	Non-contact eddy current sensor
Measurement spot	40mm diameter
Number of measurement sites	1 point
Measurement mode	Realtime at constant distance / contact
Power	Lithium ion battery up to 20h
Thickness measurement range of thin films	Additional feature, available range is 5nm – 500µm (in accordance with sheet resistance)
Accuracy (for planar solid surface)	0.001 – 50 ohm/sq: < 3% 50 – 100 ohm/sq: < 5%
Interfaces	Bluetooth (optional) + data center
Display	2.8” colored touch screen
Dimensions (w x l x h)	87 x 48 x 178mm
Weight	340g

Related products

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Inline sensor



Calibration service

