

Digital Installation Tester (TELARIS® ISO plus)



9069

KEY FUNCTION Measurement of light intensity

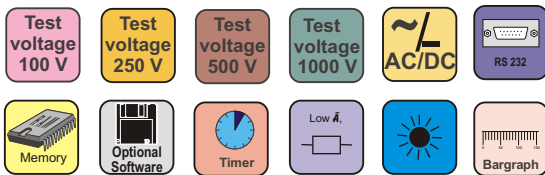


Windows-Software Display
for Digital Lux Meter 93514 alongwith Data Logger.

Digital Lux Meter (With Data Logger & PC Interface)



93514



FEATURES

- Insulation measurement
- Low Ohm measurement
- Voltage measurement
- Integrated memory for approx. 500 measurement values
- Standard, built-in IR RS-232 interface for transferring measurement data to the PC
- Software for recording test results is available as option
- Pre-setable limit values for insulation measurement
- Test lead compensation function for exact zero adjustment
- Additional analogue bargraph for insulation measurement
- Clear and large LCD providing the user with an optimum visual indication of both test values and limits
- Auto power off and Backlight
- Adjustable measurement value timer allows measurements over a longer time period
- Test of trip voltage of overvoltage protection devices
- Insulation measurement of floor & wall resistance acc. IEC 60364-6-61

TECHNICAL SPECIFICATION

Display	: LCD, 3½ digit, 1999 Digits with Bargraph
Measurement range / Resolution	
Insulation resistance	: 0.005...1.999 M. / 1 k. 2...19.99 M./10 k., 20...199.9 M. / 100 k., 200...1999 M./1M.
Test voltage	: 100/250/500/1000 V DC
Voltage	: 0...500 V AC/DC/1 V
Timer function	: 0, 10, 30, 180 s (selectable)
Voltage	: 10...1000 V DC
Protection level	: 6...625 V AC / 0...1000 V DC
Test current approx.	: 1mA
Low Ohm measurement	: 0.03...19.99 /0.01 .
Test current	: > 200mA
Memory approx.	: 500 Values
Interface	: IR/RS-232 Interface adapter
Safety complying with	: IEC 61010/EN 61010/DIN VDE 0411/ IEC 61557/EN 61557/DIN VDE 0413
Measurement category	: CAT III/600 V
Pollution Degree	: 2
Protection Degree	: IP 50
Power Supply	: 6 x 1.5 V, IEC LR6
Dimensions	: 235 x 105 x 70 mm
Weight approx.	: 1.2 kg

FEATURES

- Data hold and silicon sensor.
- Integrated data logger to record 16 000 measurement values and RS 232 interface for further processing on PC
- Measurement values can be individually saved, e.g. single spot measurement.
- Better Resolution

DESCRIPTION

Lux Meters are designed for light intensity comparison of systems already installed. The Lux Meters can be used for fast, easy measurement of light intensity at work places or emergency lighting. The efficiency gives an indication about economic of a light source.

TECHNICAL SPECIFICATION

Display	: 3½ Digit, LCD
Measuring Ranges/Resolution	
	: 0 to 20.00 Lux / 0.01 Lux 0 to 200.0 Lux / 0.1 Lux 0 to 2 000 Lux / 1 Lux 0 to 20 000 Lux / 10 Lux
Accuracy	
Temperature Drift	: <1% / K
Power Supply	: 1 x 9 V, IEC 6LR61
Dimensions	: 145 x 72 x 31 mm (Device) 100 x 60 x 27 mm (Sensor)
Weight	: approx. 300g

KEY INFORMATION

The Silicon Sensor, used in Lux Meter, incorporates a long time stability and supplies accurate & reliable measurement values over long periods. Luxmeters are **Calibrated by means of a standard light line with a colour temperature of 2856 K**. This lamp is recommended as calibration standard for Luxmeters by German Govt. Institute of Physical Standards.