

Product Name :
Test and Measurement System with USB and Software

Product Code :
NEL – 18-06-18-0020



Description :

Test and Measurement System with USB and Software

Technical Specification :

Minimum Technical Specifications Required (like or better than):

- Training panel design
- Electrically indestructible up to 20A/600V
- Large, high-contrast backlit graphic display
- Large-scale display or display of up to four values
- Digital or simulated analog display
- RS232 and USB ports

- Internal resistance: current measuring circuit 10mOhm, voltage measuring circuit 10MOhm

TRMS multimeter

- Voltage ranges: 30; 300; 600V
- Current ranges: 1; 10; 20A
- Simultaneous waveform-dependent measurement of voltage and current (up to 600V, 20A) (Measurement of switched-mode voltage))
- Precision: 2%
- Automatic or manual selection of measuring range
- Demonstration meter for mains operation 230 V, 50Hz
- Measurement of overall RMS value (RMS-AC+DC) ; RMS AC values (RMS-AC) and arithmetic mean (AV-AC+DC) Wattmeter
- Calculates actual, apparent and reactive power
- 0 – 10 A AC/DC, 0 – 600V AC/DC

Power factor meter

- Power factor 0 – 1 - 0

PC-supported measurements

- Oscilloscope display of voltage, current and power
- Consumption meter to display power consumed and output
- Data logger for 14 different variables at least
- Data export for data logger

Labview driver with supplied examples

Electrical and Electronics

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