

• **Elma BM829:** 1000v True RMS Multimeter Auto Check with PC connection

The new Elma BM829 sets new standards in what you can expect from a professional digital multimeter. With great new features like "Auto Check" and "Low Z" and an IEC 61010-1 approval for CAT IV 1000V, the Elma BM829 is unsurpassed.

AutoCheck is an intelligent function which automatically detects and selects AC voltage, DC voltage and continuity test/resistance – simply switch on and measure!

Low Z provides voltage measurement with low impedance, ensuring true voltage measurement.

Elma BM829 is equipped with large dual backlit display and a fast analog bargraph. The instrument measures True RMS AC + DC voltage, current, frequency, resistance, capacitance, diode, continuity and temperature.

Elma BM829 has a number of additional features including 1ms crest/peak hold, max/min, relative measurement, data hold, auto shut-off, auto/manual range selection and RS232 port for PC communication.

Using optional Windows software, the BM829 can be connected to a PC for data logging purposes, through which the measured data can be displayed as: Digital display, analog display, curve/graph and table.

Features:

- True RMS Digital Multimeter
- Measures AC & DC Voltage, Current, Frequency, Resistance, Capacitance, Diode, Continuity and Temperature
- Autocheck intelligent function detects and selects AC or DC voltage
- Low Z function provides voltage with low impedance
- Dual Backlit Display
- Max, Min, Peak & Data Hold
- Relative Measurement
- Auto Shut-Off
- Manual Range Selection
- RS232 Port for PC connectivity and compliant with IEC 61010-1 CAT IV 1000V
- Highly efficient fuses with control functions
- Supplied complete with manual, temperature sensor (-50 ~ 250°C), battery, test leads and rugged protective rubber jacket

 True RMS

 HVAC

 PC Connectivity

 TSI Code: 395662072



Specifications:

Model:	Elma BM829
Voltage	0, 100m, 1000m, 10, 100, 1000v AC/DC
Accuracy	DC: ±0.08% + 2D, AC: ±0.5% + 3D
Bandwidth	20kHz
Power	0, 600μ, 6000μ, 60m, 600m, 6, 10A AC/DC
Accuracy	DC: ±0.2% + 4D, AC: ±0.6% + 3D
Resistance	0, 600, 6k, 60k, 600k, 6M 60MΩ (600V)
Capacity	0, 60N, 600N, 6μ, 60μ, 600μ, 6000μ-27mF
Conductance	0.01-100ns
Frequency	10 ~ 100 kHz
Temperature	-50° to 1000°C (supplied wire sensor -50° to 250°C)
Diode Test	0 ~ 2000mv, 0.4 mA Less than 3.5v DC
Display	4 and 3, 5/6 digit
Max. View	9999 or 5999
Battery	1 x 9v PP3 (included)
Dimensions	208(H) x 103(W) x 64.5(D) mm
Weight (Net)	0.64kg
Weight (Gross)	0.85kg