

Elma BM829s – TRMS AC/DC CAT IV 1000V Auto Check multimeter

- Large double display with background light, temperature measurement
and - Communication



Elma BM829s sets a new standard for what you can expect of your DMM. With new functions, like “Auto check” and “Low Z” together with an IEC 61010-1 approval for CAT IV 1000V, Elma BM829s is in front. Auto Check is an intelligent function, which automatically detects and selects AC/DC voltage and continuity/resistance. All you have to do is turn on the instrument and measure. Low Z is voltage measurement with low impedance, which means that the measured object is under load, thus ensuring that the “real” voltage is measured.

Elma BM829s is equipped with large backlit dual display and fast analog bar graph. The instrument measures True RMS AC/DC voltage, current, frequency, resistance, capacitance, diode, continuity and temperature. Elma BM829s has a number of additional features including 1ms crest/peak hold, max/min, relative measurement, data hold, auto-off, auto/manual range selection and RS 232 port for PC communication. The instrument has a built in contactless detection of electric fields, to detect electromagnetic fields from computer screens or to be used as voltage indicator.

With PC communications and Windows software (available separately), it is possible to make online data logging, where the measured data can be displayed as: Digital display, analogue display, graph/chart and table. With the instrument connected to the PC, data can be saved in intervals from 1 second to 1 hour.

Elma BM829s is UL approved and meets IEC 61010-1 CAT IV 1000V. The instrument is equipped with highly efficient fuses and is delivered complete with temperature sensor (-50 ... 250°C), battery, test leads and rugged rubber cover.

Technical data:

Voltage:	0-100m-1000m-10-100-1000V AC/DC
Accuracy:	DC: $\pm 0,08\%+2D$, AC: $\pm 0,5\%+3D$
Bandwith:	20 kHz

Current: 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-
Capacity:
Conductance:
Frequency:
Temperature:
Diode test:
Display:
Max. digits:
Battery:
Dimensions:
Weight:

Related products

EAN	EL-NR	Product
5703317660077	6398910314	Temperature adaptor Type-K to 4mm banana plugs
5703317670069	6398204114	Elma CA600 – Current clamp, AC / DC 600A
5706445410347	6398910110	Software and USB-cable for BM 52x/82x/86x
5703317400253	6398895196	Fuse 11A, 10x38mm, 20kA/1000V
5706445140169	6398167251	Universal instrument bag Elma Maxi - Professional storage
5703534830307	8798324045	Set of test leads with changeable 2/4mm tips
5706445410057	6398910291	Wiresensor with bananaplugs
200100		Calibration multimeter 4,5-5,5 digits



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