

## Elma BM257s – True RMS multimeter with autocheck and temperature measurements



Elma BM257s is a new smart mini multimeter with two new intelligent functions. Autocheck is an intelligent function which automatically detects and chooses AC voltage, DC voltage, continuity and resistance scale. All you have to do is turn on the instrument and measure. Low Z is a way to measure voltage with low impedance. This means that the measured object is tested under load, securing that the correct voltage is measured.

The instruments build-in contact free detection of energy fields can be used for contact free detection of magnetic fields from computer screens and voltage detection. Elma BM257s measures in true RMS current, voltage, frequency, capacity, continuity and temperature.

Elma BM257s has displaylight with analog bargraph for easy and fast reading. The instrument is equipped with automatic and manual range, relative range, peak hold, min/max, datahold and auto power off. With PC communication and the Windows software (accessories) it is possible to record data in real time to a PC.

The instrument is very safe and robust, and secured against fail handling with hi efficient fuses. The instrument complies with IEC 61010-1 CATIII 600V / KAT IV 300V and is delivered complete incl. rubber housing, test leads, temperature probe (-50°C - +250°C) batteries and user manual.

### Technical data:

<b>Voltage:</b>	0-60m-600m-6-60-600-1000V AC/DC
<b>Accuracy:</b>	DC: $\pm 0,5\%+2D$ , AC: $\pm 1,0\%+3D$
<b>Current:</b>	0-500 $\mu$ -5000 $\mu$ -50m-500m-5-10A AC/DC
<b>Accuracy:</b>	DC: $\pm 0,5\% + 3D$ , AC: $\pm 1,0\% + 3D$
<b>Resistance:</b>	0-600-6k-60k-600k-6M-60M $\Omega$ ; (600V)
<b>Capacity:</b>	0-60n-600n-6 $\mu$ -60 $\mu$ -600 $\mu$ -3000 $\mu$ F
<b>Frequency:</b>	10Hz - 50kHz
<b>Temperature:</b>	-50...1000°C, (incl. -50...250°C)
<b>Diode test:</b>	0-1000mV, 0,56mA < 1,8V DC

<b>Continuity:</b>	< 10Ω; acoustic signal
<b>Display:</b>	3 5/6 digit
<b>Max. display:</b>	5999
<b>Batteri:</b>	2x1,5V LR03 (incl.)
<b>Mål:</b>	161 x 80 x 50 mm
<b>Vægt:</b>	340 g

## Related products

EAN	EL-NR	Product
200100		Calibration multimeter 4,5-5,5 digits
5706445140398	6398167442	Hang your measurement kit as you want to
5703317660077	6398910314	Temperature adaptor Type-K to 4mm banana plugs
5706445410057	6398910291	Wiresensor with bananaplugs
5703317670069	6398204114	Elma CA600 – Current clamp, AC / DC 600A
5703534830307	8798324045	Set of test leads with changeable 2/4mm tips
5706445140169	6398167251	Universal instrument bag Elma Maxi - Professional storage
5706445140183	6398167073	Universal bag Elma Mini - Professional instrument bag
5706445520008	6398204305	Elma CA 60 - Current Clamp for milliamps AC / DC
5706445410361	6398910233	Software og USB/Ir interface for Elma 25x/20x series
5703317400253	6398895196	Fuse 4A, 6x32mm, 20kA/500V
5703317400260	6398895206	Fuse 10A, 10x38mm, 30kA/1000V
5706445111374	6398895293	Fuse 400mA, 6x32mm, 1000V