



AM-500-EUR Digital Multimeter

Easy to use digital multimeter designed for the homeowner or light commercial maintenance person to check for voltage in receptacles, extension cords, light fixtures, batteries and other electrical circuits. Quickly troubleshoot fuses, light bulbs and continuity of electrical connections. Easily verify voltage levels of automotive batteries and troubleshoot electrical issues in vehicles.

- Current up to 10A AC/DC
- Voltage up to 600V AC/DC, AC/DC Current and Resistance
- 1.5V and 9V battery test
- Audible continuity
- Diode test
- Data hold
- Auto power off
- Low battery warning
- Safety rated to: CAT III 600V

AM-500-EUR DETAILED SPECIFICATIONS

Specifications	Range	Best Accuracy
AC Voltage	2.000 / 20.00 / 200.0 / 600 V	±(1.0% Rdg + 3 LSD) @ 45 Hz to 400 Hz, 2 V to 200 V ranges
DC Voltage	200 mV 2.000 / 20.00 / 200.0 / 600 V	±(0.8% Rdg + 1 LSD) @ 2 V to 200 V ranges
AC Current	200.0 / 2000 µA 20.00 / 200.0 mA 2.000 / 10.00 A	±(1.2% Rdg + 2 LSD) @ 200.0 µA to 200.0 mA ranges
DC Current	200.0 / 2000 µA 20.00 / 200.0 mA 2.000 / 10.00 A	±(1.0% Rdg + 2 LSD) @ 200.0 µA to 200.0 mA ranges
Resistance	200.0 Ohms 2.000 / 20.00 / 200.0 kOhms 2.000 / 20.00 MOhms	±(1.0% Rdg + 2 LSD) @ 2 kOhms to 200 kOhms ranges
Continuity Test	Beeper on ≤ 10Ω , off >150Ω	
Diode Test	Yes	
Operating Temperature	32°F ~ 104°F / 0°C ~ +40°C	
Relative Humidity	32°F ~ 86°F / 0°C ~ +30°C ≤75%; 86°F ~ 104°F / +30°C ~ +40°C ≤50%	
Power Supply	2 x 1.5V AAA alkaline battery or equivalent	
Dimensions (L x W x H)	5.9 in x 3.3 in x 1.6 in / 150 mm x 83 mm x 40 mm	
Weight	Approximately 290g (0.64lb) with batteries installed	
Included Accessories	Test leads, users manual and 1.5 V batteries	

When measuring current ranges from 8-10A, do not measure for more than 1 minute and wait for 10 minutes before taking other measurements.

For more detailed specifications see users manual.

AMP-25-EUR AC/DC TRMS Mini-Clamp

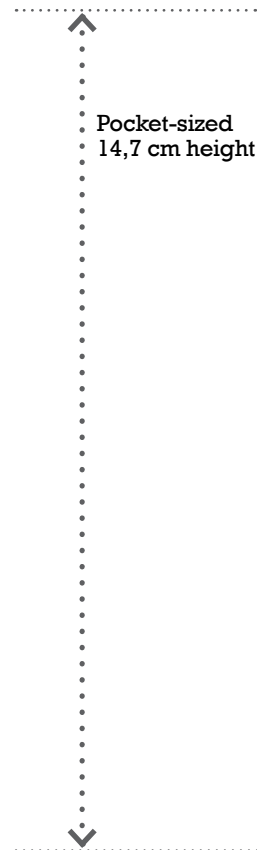
Convenience Without Compromise

Small size doesn't mean small features. The Beha-Amprobe AMP-25-EUR Mini-Clamp is pocket-sized, enabling quick and easy spot checks of electrical systems. With its rugged construction and CAT III 600 V rating, the AMP-25-EUR is a must-have professional troubleshooting tool for commercial electricians and electrical contractors.

The AMP-25-EUR is designed to measure AC/DC load current and inrush current for motors. Essential features like True-RMS, non-contact voltage and low pass filter make this clamp stand tall next to clamps twice its size. With the AMP-25-EUR, you never have to sacrifice performance for size.

AMP-25-EUR Features

- **True-RMS** for noisy environments provides accuracy and dependability
- **AC & DC current** to 300 A (10mA resolution)
- **Low pass filter** for variable frequency drives
- **Inrush current** for motor start-up monitoring
- **Non-contact voltage** detection (NCV)
- **Jaw opening** to 2,5 cm (1 in)
- **Autoranging**
- **DCA zero** and **data hold**
- **Auto power off**
- **Large LCD backlit display**
- **Safety Rated CAT III 600 V**



AMP-25-EUR Applications



Troubleshoot electrical systems and measure AC/DC load current on exposed wires in a breaker panel.





The **non-contact voltage (NCV)** function checks for voltage presence.



Pocket-sized for quick and easy spot checks of electrical systems.

AMP-25-EUR Detailed Specifications

Feature	AMP-25-EUR	Best Accuracy	General Specifications	AMP-25-EUR
AC Current ⁽¹⁾	60.00 / 300.0 A	+/- (1.5% + 5 LSD) @ 50 to 100 Hz ≥ 3 A +/- (2.5% + 5 LSD) @ 100 to 400 Hz ≥ 3 A	Display	Digital: 6000 counts, updates 2/sec
DC Current ⁽²⁾	60.00 / 300.0 A	+/- (1.5% + 5 LSD) @ 300 A range	Range	Autoranging
Low Pass Filter	300.0 A	+/- (3.5% + 5 LSD) @ 50 to 60 Hz ≥ 3 A	Overrange Indication	OL or -OL
True-RMS	•		Operating Temperature	0°C to 30°C (32°F to 86°F), ≤ 80% RH 30°C to 40°C (86°F to 104°F), ≤ 75% RH 40°C to 50°C (104°F to 122°F), ≤ 45% RH
Inrush Current	•		Operating Altitude	≤ 2000 m
Non-Contact Voltage	•		Storage Temperature	-20°C to +60°C (-4°F to 140°F)
Data Hold	•		Pollution Degree	2
Note ⁽¹⁾ : Crest Factor (C.F.) may be up to 3.0 as 4000 counts. For non-sinusoidal waveforms: Add 3.0% for C.F. 1.0 to 2.0 Add 5.0% for C.F. 2.0 to 2.5 Add 7.0% for C.F. 2.5 to 3.0 Position error of clamp: +/- 1.5 % of LCD reading ⁽²⁾ Add 10 LSD in auto AC/DC sense mode			Temperature Coefficient	0.2 x (specified accuracy)/ °C (<18 °C, >28 °C) / °F (<64.4°F, >82.4°F)
			Vibration Requirement	MIL-PRF-28800F for A Class 2
			Drop Proof	120 cm (4 feet)
			Battery	Two 1.5 V LR44 size button batteries
			Battery Life	20 hours typical
			Low Battery Indication	
			Auto Power Off	Idle for 20 minutes
			Overvoltage Category	CAT III 600 V
			Safety Compliance	IEC/EN 61010-1, IEC/EN 61010-2-030, IEC/EN 61010-2-032
			EMC Compliance	IEC/EN 61326-1
			Agency Approval	
			Dimensions (H x W x L)	147 x 60 x 32 mm (5.8 x 2.4 x 1.3 in)
			Weight	Approximately 140 g (0.31 lb) with batteries installed
			Jaw Opening & Conductor Diameter	25 mm (1.0 in) max.

Accessories Included: Carrying case, two 1.5 V LR44 batteries installed and user manual.








IR-700-EUR Series Infrared Thermometers

IR-710-EUR, IR-712-EUR, IR-720-EUR, IR-730-EUR and IR-750-EUR

The Beha-Amprobe IR-700-EUR series of infrared thermometers is a complete line of high performance diagnostic tools designed for HVAC/R, electrical, industrial maintenance, automotive as well as quality control and fire prevention applications.

- Extremely accurate and reliable
- Precise measurement with distance to spot ratio from 10:1 to 50:1
- Wide temperatures ranges available up to -50°C to 1550°C (-58°F to 2822°F)
- Rapid response time
- Laser pointer for accurate targeting
- 8 seconds auto display hold for easy read-out
- Adjustable emissivity for measuring a variety of materials
- Dual LCD display with backlight
- Selectable °F and °C
- Stores up to 99 data points (IR-750-EUR only)
- Thermocouple input (IR-750-EUR only)
- USB interface (IR-750-EUR only)



Series Selection Guide	IR-710-EUR	IR-712-EUR	IR-720-EUR	IR-730-EUR	IR-750-EUR
					
Features					
Distance to Spot (D:S)	10:1	12:1	20:1	30:1	50:1
Temperature Range	-18°C to 380°C 0°F to 716°F	-18°C to 550°C 0°F to 1022°F	-32°C to 1050°C -26°F to 1922°F	-32°C to 1250°C -26°F to 2282°F	-50°C to 1550°C -58°F to 2822°F
Best Accuracy	±2 %	±1.8%			
Emissivity for measuring a variety of materials	0,95	Adjustable from 0.10 to 1.00			
Display Resolution	0.1°C / 0.1°F				0.1°C / 0.1°F of reading < 999.9
MIN/MAX Memory	■	■	■	■	■
DIF/AVG Temperature Display		■	■	■	■
Tripod mount		■	■	■	■
Programmable high and low alarm					■
USB interface					■
Built in memory					99
K-Type thermocouple measurement					■
Warranty	1 year				

For detailed specifications and ordering information go to www.beha-amprobe.com.

Specifications	IR-710-EUR	IR-712-EUR	IR-720-EUR	IR-730-EUR	IR-750-EUR
Temperature Range	-18 °C to 380 °C 0 °F to 716 °F	-18 °C to 550 °C 0 °F to 1 022 °F	-32 °C to 1 050 °C -26 °F to 1 922 °F	-32 °C to 1 250 °C -26 °F to 2 282 °F	-50 °C to 1 550 °C -58 °F to 2 822 °F
Accuracy With ambient operating temperature of 70°F to 77°F (21°C to 25°C)	18°C to 10°C (-0.4°F to 50°F): ±2%+1°C (2°F), or ±3°C (±6°F), whichever is greater (Typical) >10°C to 380°C (>50°F to 716°F): ±2%, or ±2°C (±4°F), whichever is greater (Typical)	±1.8% or ±4°F (±1.8°C), whichever is greater (Typical)	>0°C to 1250°C (>32°F to 2282°F): ±1.8% or ±1.8°C (±4°F), whichever is greater (Typical) -32°C to 0°C (-26°F to 32°F): ±1.8%+1°C (2°F) or ±2.8°C (±6°F), whichever is greater (Typical)	>0°C to 1550°C (>32°F to 2822°F): ±1.8% or ±1.8°C (±4°F), whichever is greater (Typical) >-35°C to 0°C (-31°F to 32°F): ±1.8%+1°C (2°F) or ±2.8°C (±6°F), whichever is greater (Typical) -50°C to -35°C (-58°F to -31°F): not specified (for reference only)	
Repeatability	±0.5% of reading or ±1°F (±0.5°C), whichever is greater				
Display Resolution	0.1 °C / 0.1 °F				0.1 °C / 0.1 °F reading < 999,9 0.2 °C / 0.2 °F of reading below 10°C (50°F) 1 °C / 1 °F reading > 999,9
Spectral Response	8µm to 14µm				
Laser Sighting	Single point laser				
Laser Power	Output > 1mW Class 2, wavelength 630 to 670nm				
Response Time (95%)	500 ms	250 ms			
Distance to Spot (D:S)	10:1	12:1	20:1	30:1	50:1
Minimum Spot Size	20 mm	25 mm		24 mm	19 mm
Emissivity	0,95	Digitally adjustable from 0.10 to 1.00 by 0.01. Pre-set emissivity is 0.95			
Ambient Operating Temperature	0 °C to 40 °C 32 °F to 104 °F				
Relative Humidity	0% to 75% non-condensing				
Storage Temperature	-20 °C to 65 °C / -4°F to 150°F				
Temperature Display	°C / °F selectable				
Display Hold	8 seconds				
MAX/MIN Temperature Display	■	■	■	■	■
DIF/AVG Temperature Display	NA	■	■	■	■
Dual LCD Display	■	■	■	■	■
LCD Backlit	■	■	■	■	■
Low Battery Indication	■	■	■	■	■
Tripod mount	NA	■	■	■	■
Power	9V 6F22 alkaline battery or equivalent				9V 6F22 alkaline battery or by power adaptor (output DC 6V/450mA)
Battery Life	10 hours with laser and backlight on 30 hours with laser and backlight off				
Dimension (H x L x W)	Approx.153 x 108 x 40 mm (6.0 x 4.5 x 1.6 in)	Approx.169 x 138 x 53 mm (6.7 x 5.4 x 2.1 in)			Approx.183 x 147 x 57 mm (7.2 x 5.8 x 2.3 in)
Weight	Approx.180 g (0.4 lb) with battery installed	Approx.290 g (0.64 lb) with battery installed			Approx.345 g (0.76 lb) with battery installed
Included Accessories	Battery and Instruction Manual	Carrying Bag, Battery and Instruction Manual (Battery not installed)			Software CD, USB Cable, K-type Thermocouple Probe, Carrying Bag, Hard Carrying Case, Battery and Instruction Manual
Optional/ Recommended Accessories (IR-750 only)	NA				Power adaptor EPS-700-US (US plug), EPS-700-EUR (European plug)