

## 2. DIGITAL MULTIMETERS

### VT-400 UNIVERSAL VOLTAGE TESTER

#### FEATURES

- Designed for industrial purposes and suitable for voltage checks across two terminals in low voltage, domestic and heavy current circuits.
- Testing range: **6 V AC/DC - 400 V AC/DC**.
- Led indication and polarity for 6 V, 12 V, 24 V, 50 V, 120 V, 220 V and 400 V AC/DC.
- Max current: **30 mA**.
- Working temperature: **-10°C to +50°C**.
- Frequency: **0 Hz - 100 Hz**.
- CE and GS approved.
- Dimensions Overall length: **20 cm**  
Tip only: **5 cm**  
Thickness: **2 cm**.
- Weight: **130 g**.



**ITE-8090**

**DIGITAL CLAMP-ON VOLT-OHM-AMMETER**

The ideal meter for field maintenance and inspection work on all types of electrical equipment.

**FEATURES**

- Maximum jaw opening: **40 mm**.
- Peak hold function.
- Data hold function.
- Continuity alarm below **100 Ω**.
- Frequency measurements.
- Diode check.
- Low battery indication.
- Operating temperature and humidity:  
**0°C to +40°C** (+32°F to +104°F), below **80 % RH**.
- Storage temperature and humidity:  
**-10°C to +60°C** (+14°F to +140°F), below **70 % RH**.
- Dimensions: **208 mm x 65 mm x 31 mm**.
- Weight: **330 g**.
- Supplied with test probe, instruction manual, carrying case, 9V battery.
- Supplied with CE mark.
- Ranges
 

AC current:	<b>0 A</b>	-	<b>600 A</b>
AC voltage:	<b>0 V</b>	-	<b>750 V</b>
DC voltage:	<b>0 V</b>	-	<b>1000 V</b>
Resistance:	<b>0 kΩ</b>	-	<b>20 kΩ</b>
Frequency:	<b>0 MHz</b>	-	<b>2 MHz</b>
Diode test:	<b>0 V DC</b>	-	<b>3,50 V DC</b>
- Display update: 2,5 times / second
- Automatic negative polarity indication.
- Over range indication.



ITE-8090

**ITE-3700**

**AUTO RANGE DIGITAL MULTIMETER (AC-DC)**

Capable of measuring, with very high accuracy, all of the parameters needed for troubleshooting and field maintenance. Easy to use because of single rotary function switch and autoranging feature.

**FEATURES**

- Automatic power shut-off. Min/max recording.
- Data hold. Overload indication.
- Polarity indication. Diode check. Low battery indication.
- Operating temperature and humidity:  
**0°C to +40°C**, below **80 % RH**.
- Storage temperature and humidity:  
**-10°C to +60°C**, below **70 % RH**.
- Dimensions: **186 mm x 86 mm x 39 mm** (L x W x H).
- Weight: **506 g**.
- Supplied with test leads, instruction manual, carrying case, battery and spare fuse (250 V).
- **Supplied with CE mark.**
- Ranges
 

AC current:	<b>0 A</b>	-	<b>20 A</b>
DC current:	<b>0 A</b>	-	<b>20 A</b>
AC voltage:	<b>0 V</b>	-	<b>750 V</b>
DC voltage:	<b>0 V</b>	-	<b>1000 V</b>
Resistance:	<b>0 MΩ</b>	-	<b>40 MΩ</b>
Frequency:	<b>0 kHz</b>	-	<b>500 kHz</b>
Capacity test:	<b>0 μF</b>	-	<b>30 μF</b>
Diode test:	<b>0 V DC</b>	-	<b>4 V DC</b>
Continuity test:	alarm below		<b>400 Ω</b>
- Display update: 2 times / second



ITE-3700