



MT745

**TRUERMS**

## 3000A AC METER

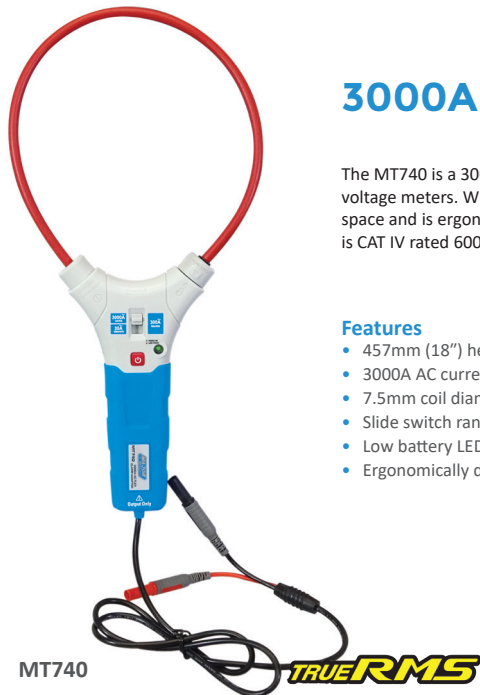


The MT745 3000A AC Flexible Current Clamp Meter with Data Logging is ergonomically designed for ease of use in confined spaces. The 8mm flexible coil can easily fit around flat busbar or parallel supply cables and can also be maneuvered into cable trays where conventional hard jaw clamps cannot reach. The Bluetooth feature can be used to perform live recordings or to transfer recorded data to a smart phone app. Using the Log Key will start a recording that will be stored on the instrument. The smart phone app allows the user to retrieve Data as well as set up recording sample rate. The unit features inrush current measurement as well as frequency measurement and has a large backlit LCD display making it easier to read measurements.

### Features

- AC current True RMS measurements
- 3000 count Backlight LCD
- Analogue Bar graph
- Bluetooth interface
- 3000A AC flexible clamp
- Data Hold
- Inrush Current
- Frequency Measurement

Function	Range	Accuracy
Conductor Size	Ø150mm	
Influence of conductor size	± 2.0% (max)	
AC Current	0.5A to 3000A AC	±(3% ± 5 digits)
Frequency	50Hz – 400Hz	
Operation Temperature	5 to 40°C	
Size	230 x 76 x 40mm	
Weight	315g	



MT740

**TRUERMS**

## 3000A AC CLAMP ADAPTOR



The MT740 is a 3000A True RMS AC Flex Clamp adaptor that supplies voltage output to universal voltage meters. With a 7.5mm coil diameter to accommodate ease of measurement in a tight space and is ergonomically designed for one handed operation. The MT740 Flex Clamp Adaptor is CAT IV rated 600V and CAT III rated for 1000V.

### Features

- 457mm (18”) head cable length
- 3000A AC current measurement
- 7.5mm coil diameter
- Slide switch range change
- Low battery LED indicator
- Ergonomically designed

Function	Range	Accuracy
Jaw Size	185mm	
AC Current	30A- 3000A	±(3.0% + 5mA)
Output	3000A@1mV/A 300A@10mV/A 30A@100mV/A	
AC Bandwidth	50Hz to 60Hz	
Size	180 x 106 x 28mm	
Weight	210g	

**TRUERMS**



MT760

## 100A AC/DC CLAMP METER



The MT760 is a CAT III 300V, 2000 count True RMS 100A AC/DC digital clamp meter with a resolution of 1mA. The MT760 has a compact design, high reliability and safety, and provides fast sampling time with high accuracy and all readings are indicated on a large backlit LCD display. The meter measures 600V AC/DC, capacitance, resistance measurements, plus a continuity buzzer and diode test function. The VFC function allows the user to measure stable voltage in high frequency applications of Variable Frequency Drives. Added features include Zero/Relative mode for Capacitance Zero, resistance, DCV, ACV, DCA and ACA offset adjustment and Non-Contact voltage detection. Housed in a modern double moulded rubber housing.

### Features

- Current measurement from 1mA
- Measures AC and DC current to 100 Amps
- Ø17mm Cable Clamp size
- 2000 count backlit LCD display
- Measurement of DC voltage and AC voltage up to 600V
- Capacitance to 20mF
- VFC - Variable Frequency Drive voltage value
- Microprocessor Zero adjustment
- NCV – Non-Contact Voltage Detector
- Continuity buzzer and Diode Test
- Data Hold function
- Auto Power Off

Function	Range	Accuracy
DC Current	2.000A - 100A	±(2.0% +3)
AC Current	2.000A- 100A	±(2.5% +8)
DC Voltage	200.0mV – 600V	±(0.7% +3)
AC Voltage	2.000V – 600V	±(1.0% +3)
Resistance	200.0Ω – 20MΩ	±(1.0% +2)
Capacitance	2.000nF – 20mF	±(4.0% +5)
Size	175 x 60 x 34mm	
Weight	170g	