

**MX 675 - MX 670**

**MX 655 - MX 650**

**MX 355 - MX 350**

## A need, a solution, a clamp:

- electrical or electrotechnical maintenance
- electrical installers
- electricity distributors
- tertiary



**New!**  
**MX 670 and MX 675**  
**dual-display**  
**10,000-count**  
**CAT IV 600 V**  
**clamps**

# Clamp-on ammeters

A range of 6 clamps to cover all your needs

>> Equipped with all the functions of a clamp-on ammeter and all-round multimeter, these models provide the measurement solutions that every electrician requires.



**MX 670 & MX 675**

**MX 650 & MX 655**

**MX 350 & MX 355**

### MX 670 & MX 675

These CAT IV 600 V clamps offer total safety for operations and tests on the parts of an installation which do not benefit from all the protective systems.

The **MX 675 TRMS AC/DC** clamp allows continuous measurement up to 1,400 A DC and 1,000 A AC.

The **MX 670 TRMS AC** clamp can clamp conductors up to 42 mm in diameter and measure intensities of up to 1,000 A AC.

### MX 650 & MX 655

The MX 655 and MX 650 are recommended for measuring high voltages and currents (up to 1,000 A and 750 V) and the MX 655 is also equipped with an RMS converter for AC signals.

For current measurements, the **MX 655** uses the Hall effect to measure AC or DC currents. The **MX 650** uses the transformer measurement principle to measure AC currents.

### MX 350 & MX 355

These compact, ergonomic instruments are ideal for domestic requirements, the tertiary sector and small industry. The **MX 355** is equipped with an automatic Zero DC function for measuring DC intensities. This function can also be used to carry out differential current, voltage and resistance measurements.



## Ergonomic



The ergonomics of these clamps are designed to optimize handling for the user. The main switch allows functions to be selected clearly and precisely. Their high-quality displays are also particularly easy to read.

>> The MX 670 & MX 675 allow simultaneous voltage and current measurement. Their dual display enables these 2 measurements to be viewed instantaneously.



## Main advantages

The MX range of clamp-on ammeters can be used for a large number of applications due to their clamping diameters from 26 mm (MX 350) to 42 mm (MX 670).

Like the other models, the **MX 670 & MX 675 clamp-on ammeters** offer very wide measurement ranges, including voltage measurements up to **1,000 V**.

To improve measurement accuracy, the MX 670 & MX 675 offer new guarantees: simultaneous current and voltage measurement, with the 2 values measured at the same moment and in the same context.

The dual display enables these results (**TRMS** measurements in both cases) to be viewed clearly.

## Safety first

To keep users safe and ensure product reliability, the whole range complies with the strictest safety (**IEC 61010**) and manufacturing standards.

The new **MX 670 & MX 675** clamps can be used safely in **Category IV environments** (upstream from a disconnecting switch, circuit breakers, etc.).



# Clamp-on ammeters

>> All the clamps are delivered with their accessories.  
Simply install the batteries supplied and the instrument is ready to start measuring!



	MX 350	MX 355	MX 650	MX 655	MX 670	MX 675
Clamping Ø	26 mm	30 mm	36 mm	40 mm	42 mm	40 mm
Measurement type	AVG		AVG	RMS	TRMS	
<b>INTENSITY</b>						
DC	0.1 A to 400 A		0.1 A to 1,000 A		-	0.05 A to 1,400 A
AC	0.05 A to 400 A		0.05 A to 1,000 A		0.05 A to 1,000 A	
<b>VOLTAGE</b>						
DC range	0.2 V to 1,000 V		0.2 V to 1,000 V		0.2 V to 1,400 V	
AC range	0.5 V to 600 V		0.5 V to 750 V		0.5 V to 1,000 V	
<b>RESISTANCE</b>						
Range	0.2 Ω to 4,000 Ω		0.2 Ω to 399.9 Ω		0.2 Ω to 9,999 Ω	
Diode	-	-	0.6 mA	1.7 mA	-	-
Audible continuity	Yes		Yes		Yes	
<b>FREQUENCY</b>						
Intensity	20 Hz to 10 kHz	-	20 Hz to 10 kHz		0.2 Hz to 9,999 Hz	
Voltage						
<b>TEMPERATURE WITH K THERMOCOUPLE</b>						
°C	-	-	-	-	-40 °C to +999.5 °C +1,000 °C to +1,200 °C	
°F	-	-	-	-	-40 °F to +2,192 °F	
Display	4,000 counts 42-segment bargraph				10,000-count dual display with blue backlighting	
Functions	HOLD	HOLD, Ø Zero, Range	HOLD, PEAK, MAX/MIN, Ø Rel, Range	HOLD PEAK, MAX/MIN, Ø Rel	HOLD, AUTO-HOLD PEAK MIN, MAX Ø Zero,	
IEC 61010 electrical safety	CAT II 600 V CAT III 300 V		CAT III 600 V		CAT IV 600 V CAT III 1,000 V	
Dimensions / Weight	193 x 50 x 28 mm / 230 g		246 x 93 x 43 mm / 400 g		272 x 80 x 43 mm / 480 g / 257 x 80 x 43 mm / 440 g	

## References for ordering

**MX0670:** MX 670 clamp-on multimeter delivered with one 9 V alkaline battery, 1 operating manual in 5 languages, 1 flexible carrying bag, 1 set of leads with test probes Ø 4 mm and K thermocouple sensor.

**MX0675:** MX 675 clamp-on multimeter delivered with one 9 V alkaline battery, 1 operating manual in 5 languages, 1 flexible carrying bag, 1 set of leads with test probes Ø 4 mm and 1 K thermocouple sensor.

**MX0655-Z:** MX 655 multimeter clamp delivered with one 9 V alkaline battery, 1 operating manual in 5 languages, 1 flexible carrying bag, 1 set of leads with test probes Ø 4 mm.

**MX0650-Z:** MX 670 clamp-on multimeter delivered with one 9 V alkaline battery, 1 operating manual in 5 languages, 1 flexible carrying bag, 1 set of leads with test probes Ø 4 mm.

**MX0355-Z:** MX 355 clamp-on multimeter delivered with one 9 V alkaline battery, 1 operating manual in 5 languages, 1 flexible carrying bag, 1 set of leads with test probes Ø 4 mm.

**MX0350-Z:** MX 350 clamp-on multimeter delivered with one 9 V alkaline battery, 1 operating manual in 5 languages, 1 flexible carrying bag, 1 set of leads with test probes Ø 4 mm.

