

# World Class

## AC/DC and AC Pocket Multimeter Clamps



**Better than a tester, they can fit anywhere, particularly in price terms!**

- AC/DC current up to 400 A (MX 355)
- AC current up to 400 A (MX 350)
- AC and DC voltage up to 600 V
- Resistance and Continuity
- Frequency measurement (MX 350)
- 4,000-count display with bargraph
- HOLD function and  $\Delta$  Zero (MX 355)



# MX 355 and MX 350: AC/DC and AC pocket multimeter clamps

## Indispensable test tools

The particularly ergonomic MX 355 and MX 350 multimeter clamps can be used for all the most common applications: their measurement range up to 400 A, their ability to measure AC and DC voltages (both models) and their wide jaw opening are perfectly suited to the electrical control panels of small and medium-sized installations and other common measurements by electricians.

## Delivered complete

The MX 355 and MX 350 are delivered ready-to-use. As well as the batteries and measuring leads, they are delivered with a carrying bag that makes them easy to store.



*Because their jaws take up so little space, the MX 355 and MX 350 can fit anywhere. This is a crucial advantage for electrical control panels where there is not usually much space between the cables.*

*Delivered with their leads, batteries and a carrying bag, the MX 355 and MX 350 clamps are ready to use as soon as you receive them.*





The "Δ Zero" key on the MX 355 facilitates adjustment of the DC zero between DC measurements.

### AC/DC current with automatic zero function

Due to a phenomenon involving magnetization of the sensor, well-known to specialists, DC current measurement requires adjustment of the DC zero before performing each measurement. With the "Δ Zero" function, this adjustment is done automatically by simply pressing a key. Furthermore, this function reduces the influence of external DC parasite fields. Cleverly, it can also be used for RCD measurements in amps, volts or ohms. To do so, simply press the "Δ Zero" key when performing the first measurement. The value of this first measurement is then subtracted from the next measurement.

### Frequency measurements

The MX 350 clamp measures current frequencies up to 10 kHz and voltage frequencies up to 1 MHz, changing the range automatically.

### Finishing worthy of more expensive products

Particular care has been taken with the ergonomics of these clamps, as witnessed by their excellent handling. But this effort goes much further than that, since each detail has been studied minutely: the rotary selector knob is smooth and clear-cut, enabling precise selection of the functions; the keys offer a tactile feeling of contact; the battery compartment is equipped with a genuine flap locked by single metal screw. And there's also everything that won't see!



Battery current measurement with the MX 355. This can also be completed by DC voltage measurement.

### Clear, comprehensive display

The bargraph instantly shows all the variations of the signal measure by refreshing ten times faster than the digital display. Lastly, as well as the symbol showing the units, the 4,000-count display is completed by a battery charge LED indicating the status of the batteries.



The MX 355 and MX 350 are equipped with a display that is particularly complete and easy-to-read compared with other pocket clamps.

### Accessories and ordering information

#### Accessories included

Each clamp is delivered with a set of measuring leads, batteries, a carrying bag and a user's manual.

#### To order

**MX0355-Z** MX 355 multimeter clamp  
**MX0350-Z** MX 350 multimeter clamp

GENERAL SPECIFICATIONS	MX 355	MX 350
Clamping Ø	30 mm	26 mm
Display	4,000 counts	
Bargraph	42 segments	
Range change	Automatic or Manual	Automatic
Function keys	HOLD - Δ DC Zero	HOLD
Measuring rate	2 meas./s - Bargraph: 20 meas./s	
IEC 61010-1 and IEC 61010-2-032 safety norms	<input type="checkbox"/>	Cat.III, 300 V - Cat.II, 600 V
Operating temperature	0 to 40°C (<70% RH)	
Storage temperature	-10 to 60°C (<80% RH)	
Power supply	2 x 1.5 V (AAA)	
Battery charge life	100 h	
Auto cut-off	30 minutes - user-definable	30 minutes
Dimensions	193 x 50 x 28 mm	
Weight	230 g	
Warranty	1 year	

TECHNICAL SPECIFICATIONS	MX 355	MX 350
<b>• AC current</b>		
Measuring range	0.05 to 400.0 A (in 2 calibres)	
Basic accuracy	2%L + 10D	1.9%L + 5D
Bandwidth	50 to 500 Hz	
Protection	600 ARMS	
<b>• DC current</b>		
Measuring range	0.1 to 400.0 A (in 2 calibres)	-
Basic accuracy	2.5%L + 10D	-
Protection	600 ARMS	-
<b>• AC voltage</b>		
Measuring range	0.5 V to 600 V (in 2 calibres)	
Basic accuracy	1.5%L + 5D	
Bandwidth	50 to 500 Hz	
Input impedance	10 MΩ	1 MΩ
Protection	660 VRMS	
<b>• DC voltage</b>		
Measuring range	0.2 V to 600 V (in 2 calibres)	
Basic accuracy	1%L + 2D	
Protection	660 VRMS	
<b>• Resistance</b>		
Measuring range	0.2 to 399.9 Ω	
Basic accuracy	1%L + 2D	
Max. voltage live circuit	1,5 Vdc	
<b>• Continuity with buzzer</b>		
Detection threshold	≤ 40 Ω	
<b>• Frequency</b>		
Measuring range	-	Current: 20 Hz to 10.00 kHz (in 2 calibres) Voltage: 2 Hz to 1 MHz (in 4 calibres)
Basic accuracy	-	0,1%L + 1D
Sensitivity	-	2 ARMS / 5 V or 10 V

Characteristics subject to modifications according to technological developments.

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