



# Info PRESSE

**metrix**®

Type of product: **Electrical installation testers**  
Product name: **MX 535**

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## MX 535, Multifunction & ergonomic Measurement compliant with the standards!

Chauvin Arnoux is launching the new MX 535 tester under the Metrix brand, which benefits from its experience with the MX 435 Series which proved their value in the field. It is intended for self-employed electricians, contractors, certification organizations, electrical maintenance technicians and the education sector.

The MX 535 meets the requirements of the NF C 15-100, FDC 16-600, IEC 60364-6 and IEC 61557 standards.

### Ergonomic

The MX 535 has been designed to be exceptionally simple to use. All the measurements and functions are accessible directly on the front panel of this compact, lightweight instrument. The MX 535's terminal strip includes explicit markings to prevent any risk of connection errors. The backlit LCD screen is particularly easy to read. A visual indication of the test result (OK/NOK) is clearly visible on the instrument.

To make them as easy to use as possible, these new testers offer several solutions for hands-free working: a magnetized casing, a neck strap and built-in "feet".

A continuity rod can be used to access remote measurement points such as lighting. A three-pole cable has also been developed for direct measurements on 2P+E sockets. A remote control probe (option) can be used to start and store the results of any remote tests. An external clamp can be connected to the instrument for current measurements.

The MX 535 also allows automatic startup of the tests.

The MX 535 offers a battery life of 20 hours with batteries rechargeable by means of a USB charger.

### ANDROID application

The ANDROID application can be used to transfer the test results stored in the MX 535 onto a tablet or smartphone via Bluetooth. Test reports are then generated and sent automatically by email or simply stored for processing later on.



### Technical specifications

- Voltage measurement: 550 VAC / 800 VDC
- Frequency measurement: 30 Hz to 999.9 Hz,
- Continuity at 200 mA,
- Resistance from 1 to 99.99 k $\Omega$
- Insulation: 250V, 500V and 1 kV test voltages, measurement up to 999 M $\Omega$
- 3P earth (stakes): up to 2,000  $\Omega$
- Zs (Z L-PE) loop without tripping: 1 to 2,000  $\Omega$ , I<sub>k</sub> calculation
- Zs (Z L-PE) high-current loop with tripping, I<sub>k</sub> calculation
- Type AC & A RCDs: 30mA, 100mA, 300 mA, 500 mA, 650 mA
- RCD in pulse mode: tripping time
- RCD in ramp mode (30mA): tripping current
- RCD automatic test sequence: no-tripping – pulse - ramp
- Automatic test sequence: Loop-RCD-M $\Omega$
- Phase rotation: 45 to 550V; 45 to 65 Hz
- Storage: 30 sites x 99 tests using the MEM key or optional remote control probe
- Power supply by rechargeable batteries with built-in charger
- Recharging possible via the mains, USB socket or vehicle cigarette lighter
- Bluetooth communication
- Android® application: IT-Report
- Automatic recognition of the optional external MN73A clamp
- Dimensions & weight: 211 x 108 x 60 mm, 700 g

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