

# metrix

## MX 535

### ELECTRICAL INSTALLATION TESTER



## MEASUREMENTS COMPLIANT WITH NFC 15-100 & FDC 16-600

- ▶ Earth measurement by stake and loop methods
- ▶ Continuity measurement at 0.2 A
- ▶ Insulation testing
- ▶ RCD testing: current and trip time
- ▶ Automatic test sequences
- ▶ Storage of test results
- ▶ ANDROID application for report generation
- ▶ Power supply by mains-rechargeable batteries, USB socket or vehicle cigarette lighter



600 V  
CAT III

IP  
54



Measure up

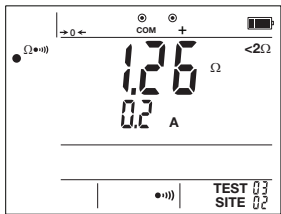


# ELECTRICAL INSTALLATION TESTER

The MX 535 is a multifunction instrument intended for inspection organizations, installers, self-employed electricians and maintenance teams, with an ergonomic design which makes it particularly easy to use.

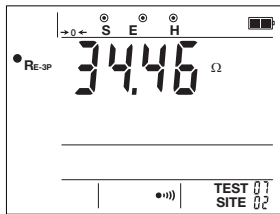


## FUNCTIONS



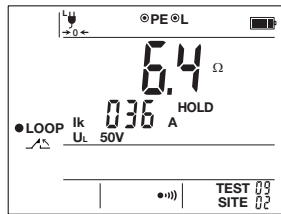
### Continuity

Check the continuity of the protective conductors and the main and supplementary equipotential bonds.



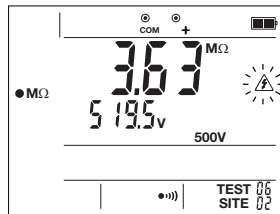
### Earth

Measurement with stakes (3-pole method) to obtain the precise value of the resistance of the earth electrode.



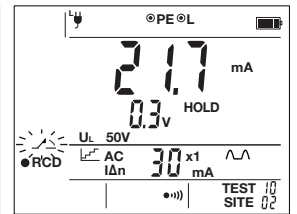
### Loop

Measurement by earth loop to obtain a measurement by excess of the earth electrode resistance (in TT). Ideal for urban areas.  
On a TN or TT installation, fault loop impedance measurement can be used to calculate the short-circuit current and size the protective systems for the installation (fuses or RCDs).



### Insulation

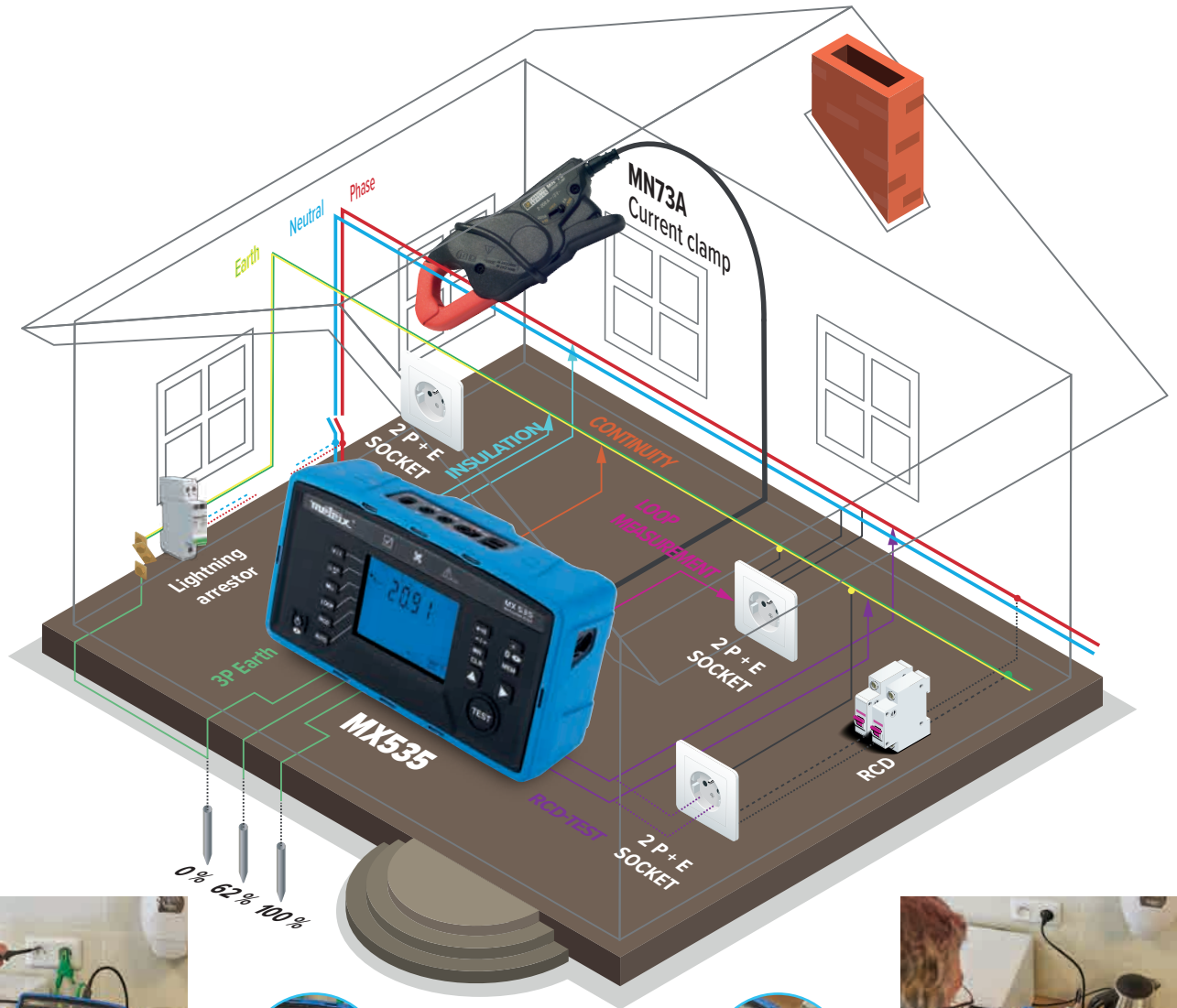
Measure the insulation resistance between each active conductor and the earth.



### RCD

Check that the residual current device trips if there is a fault current less than or equal to its rated fault trip current.

# ALL THE NECESSARY MEASUREMENTS IN A SINGLE INSTRUMENT



PASS/FAIL LED for instantaneous display of the result.



0% 62% 100%



3-pole cable for direct measurements on 2P+E sockets.

## ANDROID IT-REPORT APPLICATION

This 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.

