

Metrel A1632 E Mobility Analyser

Product Images

Product Code: C72-9608



Short Description

The A 1632 eMobility Analyser is a special accessory designed for diagnostic testing of Electric Vehicle Supply Equipment (EVSE) together with supported METREL installation testers.

It supports verification of electrical safety and functional testing of Type 1 and/or Type 2 EVSE as well as testing of Mode 2 and Mode 3 electrical vehicle (EV) charging cables and communication monitoring

between the charging station and the EV during charging.

Fully supported professional station-based and cable-based report creation with MESM software.

Measuring Functions

- Functional testing of EVSE via simulation of electrical vehicle's CP and PP circuits.
- Diagnostic testing of EVSE via simulation of errors on CP circuit (output side).
- Electrical safety testing of EVSE.
- Functional testing of Mode 2 EV cables via simulation of electrical vehicle's CP and PP circuits.
- Diagnostic testing of Mode 2 EV cables via simulation of errors on CP circuit (output side) and mains (input side).
- Electrical safety testing of Mode 2 EV cables with installed IC-CPD protection.
- Electrical safety testing of Mode 3 EV cables.
- Accessible inputs/outputs for connection of safety testers.
- Bluetooth communication with Metrel safety testers.

Contents

- A 1632 eMobility Analyser
- Type 2 Male plug adapter with long CP pin (2 x Metrel connector), 2 m
- 1-phase EU - 3 phase CEE (16 A) mains cable, 2 m
- 2 mm banana to 4 mm cascade banana adapter, 1 m
- Protective bag for accessories (mounted on the case)
- Metrel eMobility App for Android*
- Instruction manual
- Calibration certificate

*The eMobitliy App can be downloaded free of charge from Android Market.

Dimensions: 360 mm x 160 mm x 330 mm

Weight: 5.2kg

Please see datasheet for full specifications

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Measuring Functions

2

Functional testing of EVSE via simulation of electrical vehicle's CP and PP circuits.

Diagnostic testing of EVSE via simulation of errors on CP circuit (output side).

Electrical safety testing of EVSE.

Functional testing of Mode 2 EV cables via simulation of electrical vehicle's CP and PP circuits.

Diagnostic testing of Mode 2 EV cables via simulation of errors on CP circuit (output side) and mains (input side).

Electrical safety testing of Mode 2 EV cables with installed IC-CPD protection.

Electrical safety testing of Mode 3 EV cables.

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