

# 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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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.

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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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