We **COMBI**ne safety
& innovation.

COMBI521EV

Tester for checks on electric car recharging stations and verification of domestic and industrial electric systems

We build the future since 1983

METEL **HV0521EV**

COMBI521EV

Multifunction instrument for electrical installation safety testing, power quality analysis and EVSE safety testing

AUTOMATIC EVSE SAFETY TEST SEQUENCE

- Check of the output voltage value
- Continuity check of the protective conductor
- Insulation resistance measurement
- Automatic safety test sequence on EVSE stations with check of the status
- Global earth resistance measurement
- Measurement of RCD tripping time (type A, type B and type DD 6mA)
- OK and NOT OK results on each individual check and on the overall result of the automatic sequence

Wi Fi

AUTO **TEST**

EVSE TESTING

OK CALIBRATION REPORT

COMBI521EV with EV-TEST100

AUTOMATIC SEQUENCE OF TESTS FOR THE VERIFICATION OF EVSE STATIONS

- Check of the output voltage value
- Continuity check of the protective conductor
- Insulation resistance measurement
- Check of the status:
  - Standby (status A)
  - Vehicle detected (status B)
  - Mechanical interlock verification (status B)
  - Ready (charging) (status C) with ventilation (status D)
  - Fault simulation on the protective conductor (fault PE)
  - Fault on CP signal (fault E)
- Global earth resistance measurement
- Measurement of RCD tripping time (type A, type B and type DD 6ma)
- OK and NOT OK results on each individual check and on the overall result of the automatic sequence

COMBI521EV

ELECTRIC INSTALLATION SAFETY TESTING

- AUTOMATIC test (no-trip ground resistance, RCD tripping time, insulation resistance) in a sequence
- Continuity of protective conductors with 200mA
- Insulation resistance up to 1000V, with dielectric absorption ratio D.A.R. and polarization index P.I.
- Polarity test
- Type A, AC, B General and Selective RCD tripping time and current
- Line/Fault impedance, Phase-Phase, Phase-Neutral, Phase-PE (also at high resolution with optional accessory IMP57)
- Coordination of MCBs and fuses
- Global earth resistance
- Phase sequence and conformity measurement
- Measurement of leakage current
- Measurement of electrical parameters in single-phase installations (V, A, W, VAR, VA, PF)
- Measurement of environmental parameters through external probes (HT52/05 and HT53/05)
- Internal memory and PC connection
- Wi-Fi connection to Android and iOS smartphones and tablets

Accessori in dotazione

- **C2033X**
  Cable with banana green - black - blue shuko plug
- **UNIVERSALKITG3**
  Set of 3 cables, 3 alligator clips and 3 leads black
- **KITTERRNE**
  Set of 4 rods and 4 cable coils blue-red-green-black
- **ZEROLOOP**
  Loop measurement reset accessory
- **EV-TEST100**
  EVSE Adapter for Electric Vehicle Charger Testing
- **SP-5100**
  Set of straps to carry the instrument over the shoulder
- **BORSA2051**
  Carrying bag
- **TOPVIEW2006**
  Windows PC software
  + optical / USB connection cable (code: C2006)
- **YAMUM0078HT0**
  Quicke guide
- **YAMUM0073HT0**
  User manual on CD-ROM
- Calibration report

Accessori opzionali

- **VA507**
  COMBI521's carrying rigid case
- **PR400**
  Remote lead with test starting button
- **IMP57**
  Accessory for loop impedance measurement with high resolution
- **HT4005K**
  standard clamp for ac current
- **HT96U**
  Standard clamp with measuring range 1/100/1000A AC
- **HT52/05**
  Probe for air/humidity
- **HT53/05**
  Light meter probe class 1
- **606-IECN**
  Connector with magnetic terminal
- **1066-IECN**
  Connector for extension banana in/out 4mm

By using external probes (optional), **COMBI521EV** can measure environmental parameters such as air temperature/humidity, illuminance (Lux).

By using the optional **amperometric transducer** provided by HT, it is also possible to perform measurements of **LEAKAGE CURRENTS, COSPHI, POWER** and **HARMONICS**.

SEE THE TECHNICAL DATA SHEET

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