

## 15400 - COMBIGx - MACROTESTGx Series - New Fw v 2.11

Bugs fixed (vs previous FW 2.10 release)

- General Bug-fix
- RCD: fix the DC generation set values by using the RCDX10 accessory for currents from 1 to 3A
- DATA MEMORY: in delete function, the confirming with Enter key did not really delete but instead returned to the main menu, now the use of the ENTER key has been corrected
- EVSE RISO: N-PE voltage blocking threshold raised from 10V to 40V

Modifications (vs previous FW 2.10 release):

- None

Additional Notes:

- None

## 15400 - COMBIGx - MACROTESTGx Series - New Fw v 2.10

Modifications (vs previous Fw release)

- [EVSE] : improved PWM signal analysis
- [EQUITEST]: now it's possible to manage optional accessory EQUITEST

Bugs fixed (vs previous Fw release)

- none

Additional Notes:

**Note : This Fw release requires Topview v 2.2.2.3**

## 15400 - COMBIGx - MACROTESTGx Series - New Fw v 2.09

Modifications (vs previous Fw release)

- EVSE Test: now it's possible to enable/disable each single step of EVSE Test sequence ( Continuity Test, Insulation Test, EVSE Status, Ra No Trip, RCD A Type, RCD B Type)
- EVSE: Test Standardized ESC button management. Now by pressing ESC from Continuity Test, Insulation Test, EVSE Status, Ra No Trip, RCD A Type, RCD B Type, Test sequence restart

Bugs fixed (vs previous Fw release)

- EVSE sequence : Previous Fw release: Instrument saves 63A instead of 64A. Now fixed,
- AUTO sequence (EU)- TT system ( Ra, RCD, ISO): ZL-PE, Ipf, Ut values was missing at LCD Now fixed.
- AUTO sequence (EU) - ( Ra, RCD, ISO): RCD Ramp test:: Previous Fw release: If RCD trips for last values of ramp ,the instrument take this as positive outcome instead of negative. Now fixed
- AUTO sequence (UK) - ZLPE and Ut values was not correct for really high impedance values. Now fixed

Additional Notes:

**Note : This Fw release requires Topview v 2.2.2.1**

## 15400 - COMBIGx - MACROTESTGx Series - New Fw v 2.08

Modifications (vs previous Fw release)

- none

#### Bugs fixed (vs previous Fw release)

- **AUTO sequence (Ra, RCD, ISO):** ZL-PE value was present after the test but missing when recalling the measurements saved. Now fixed.

### 15400 - COMBIGx - MACROTESTGx Series - New Fw v 2.07

#### Modifications (vs previous Fw release)

- RCD and EVSE: Managed RCD F and B+ Types
- RCD Ramp test: in some rare condition the instrument could show the message " External Resistance too high". now fixed

#### Bugs fixed (vs previous Fw release)

- PQA: Fixed bug about Frequency value saved into data structure. now fixed

**Note: This Fw release requires Topview v 2.2.1.3**

### 15400 - COMBIGx - MACROTESTGx Series - New Fw v 2.06

#### Modifications (vs previous Fw release)

- EVSE: Step 5 - Now it's possible to select RCD A Type and AC Type
- AUTO Test Sequence: Increased delay time between RCD Tripping and successive Insulation TEst
- AUX: Managed results from new Illuminance Probe HT53L
- LOOP- UK mode : displayed Rlim value according to BS 18th edition
- EVSE and RCD: managed RCD DD type
- EVSE and RCD: Improved immunity against erroneous contact voltage detection after RCD Tripping

#### Bugs fixed (vs previous Fw release)

- LOOP: if Hw=0 and Country= German and Test mode = "STD" or "kA" or "Trip time", the Zero Loop button was erroneously displayed. now fixed
- EVSE: For 3 Phase EVSE, a few Test parameters indicates erroneous values. now fixed
- EVSE: fixed bug occurring when pressing ESC button during EVSE Status check
- VDROp: Fixed bug about LL / LN symbol saved

**Note: This Fw release requires Topview v 2.2.1.2**

### 15400 - COMBIGx - MACROTESTGx Series - New Fw v 2.05

#### Modifications (vs previous Fw release)

-none

#### Bugs fixed (vs previous Fw release)

- EVSE: fixed bug about 3 phase insulation test: some values were saved as zero. Now fixed

**Note: This Fw release requires Topview v 2.2.0.9**

## 15400 - COMBIGx - MACROTESTGx Series - New Fw v 2.04

### Modifications (vs previous Fw release)

- Introduced new model MACROEVTEST.
- introduced new function EVSE Test (safety test procedure on EV charging station - available only for some models of Combi Gx - MacrotestGx series)

### Bugs fixed (vs previous Fw release)

- General: fixed bug concerning overlapping among markers strings
- Loop: fixed bug about Number of conductors saved into instrument memory
- Loop: fixed bug about wires section saved.

**Note:** This Fw release requires Topview v 2.2.0.9