



# EV Charging Cable Tester

## ECT-752

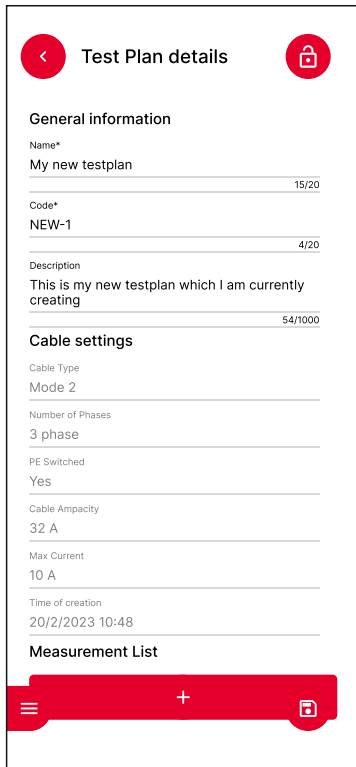


The ECT-752 is a standalone solution for testing Mode 3 and Mode 2 EV Charging Cables. The tester offers complete functionality for safety and functional verification of the EV Charging Cables in compliance with EN 50678 and EN 50699 standards, without the need for an external instrument like an Installation or PAT tester. It's user friendly design and user interface allows full verification of the cable with a single click of a button. User can create customized autotest sequences or Test Plans, transfer and share data or generate a report using a MiControl application.

- Advanced safety verification of Mode 2 and Mode 3 EV charging cables according to EN 50678 and EN 50699 standards.
- Advanced functionality verification of Mode 2 EV charging cables according to IEC 61851-1 and IEC 62752 standards.
- User-friendly operation allows automatic testing of the cables without user intervention.
- Customizable Test Plans generated on the MiControl application and transferred to the device
- Touch probe for making ITOUCH, RPE and RINS measurements on Class I devices such as Juice Boosters.
- Evaluation of test results based on standard or customizable limits.
- Bluetooth or USB C connection for data export/import and report generation using MiControl application.
- No compensation of test leads required.

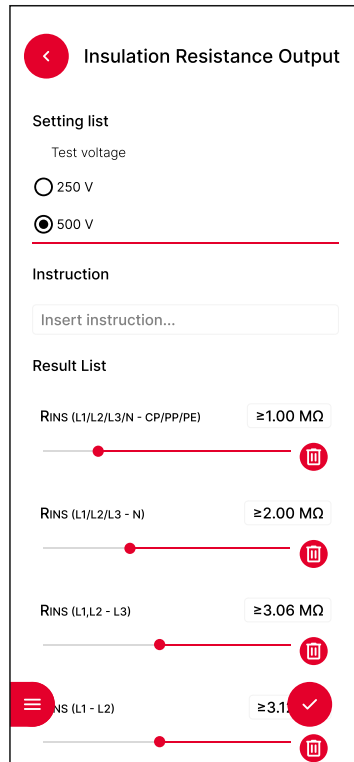
### Create it your way!

Create custom test plans and add your own measurements for total flexibility.



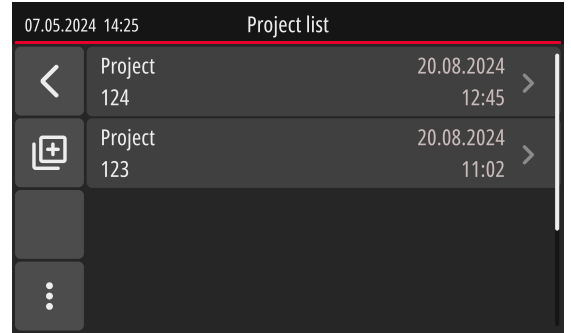
### Your rules, your limits!

Full customization of measurement parameters and limits to fit your exact needs.



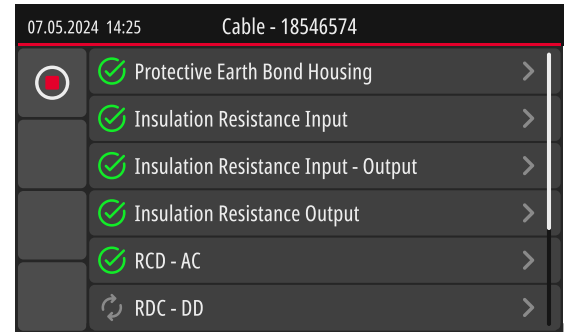
### One project, one workflow!

Group cables by project to keep your daily tasks organized and efficient.



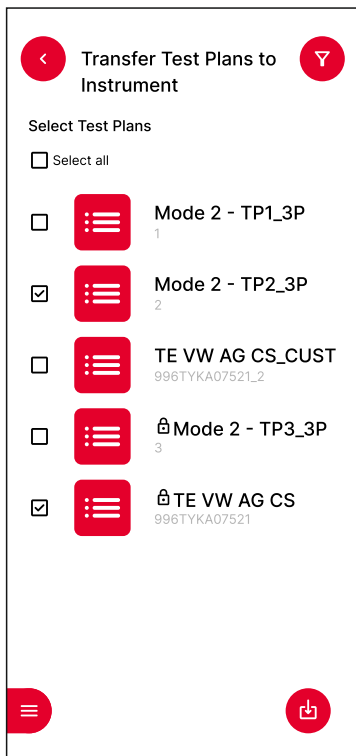
### Relax, and let the instrument do the work!

Fully autonomous cable testing. No buttons to press, no manual steps-just results.



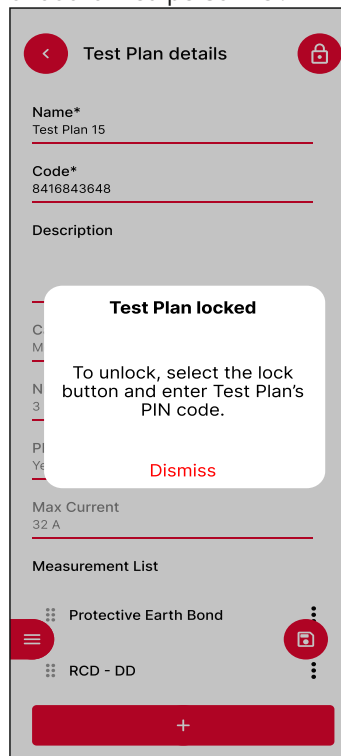
### Collaboration made easy!

Share Test Plans with your team or transfer them directly to the instrument effortlessly.



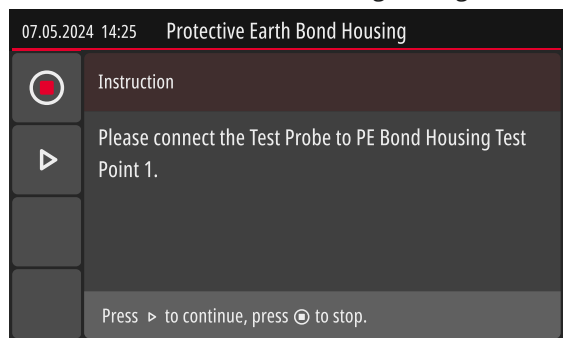
### Lock it down, keep it secret!

Secure your Test Plan to prevent modifications from unauthorized personnel.



### Customizable instructions that speak your language!

On-screen measurement guides ensure you always know what to do, no second-guessing needed.



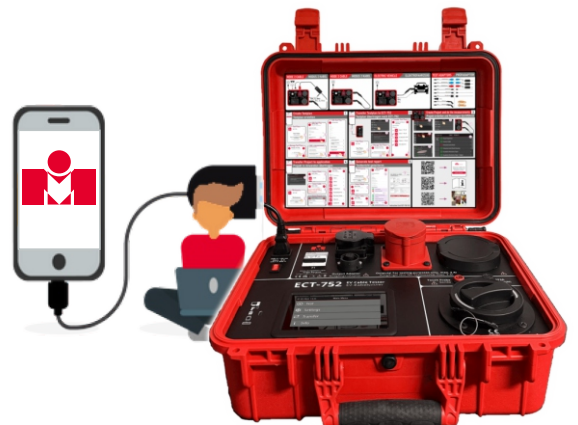
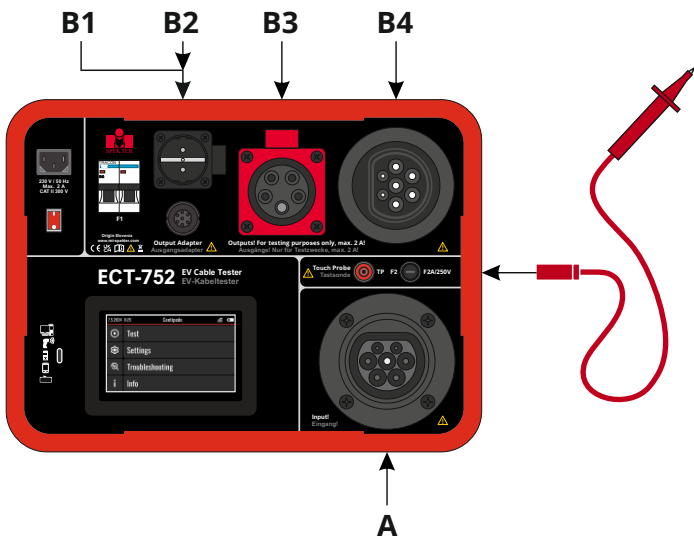
### MiControl cloud application will do everything what you need!

Grab your instrument and enjoy your cloud application.



Mode	To	Device Under Test (DUT)		To
		Male side	Female side	
Mode 3	B4	Type 2	Type 2	A
Mode 2 via sockets	B2	CEE 7/7 (EU) Schuko	IC-CPD	A
	B3	CEE16 400V	IC-CPD	A
	B3	CEE16 400V	JUICE BOOSTER	A
Mode 2 via adapter	B2	CEE 7/7 (EU) Schuko	IC-CPD	A
	B1	CEE32 400V	IC-CPD	A
	B1	CEE16 230V	IC-CPD	A

### Connection to ECT-752



# ECT-752

### AVAILABLE MEASUREMENTS ON MODE 3 CABLES

- Visual Inspection
- Protective Earth Bond
- Continuity
- Insulation Resistance Output
- Proximity Pilot Input
- Proximity Pilot Output

### OPTIONAL ACCESSORIES

Adapter to CEE 16 A 230 V



Adapter to CEE 32 A 230 V



Adapter to CEE 32 A 400 V



Adapter Type 1 to Type 2



### AVAILABLE MEASUREMENTS ON MODE 2 CABLES

- Visual Inspection
- Protective Earth Bond
- Protective Earth Bond Housing
- Insulation Resistance Input (250 V, 500 V)
- Insulation Resistance Input - Output (250 V, 500 V)
- Insulation Resistance Output (250 V, 500 V)
- Insulation Resistance Housing (250 V, 500 V)
- RCD - AC (10 mA, 30 mA)
- RCD - A (10 mA, 30 mA)
- RDC - DD (6 mA)
- Leakage Current
- Touch Current
- Miswiring
- Control Pilot - EV not connected (A)
- Control Pilot - EV connected (B)
- Control Pilot - EV ready to charge (C)
- Control Pilot Error
- Proximity Pilot Output

### SCOPE OF SUPPLY



- Mains supply cable Schuko, 1.8 m
- USB-C to USB-A cable
- USB-C to USB-A adapter
- USB-C cable
- Test lead, both side 4 mm banana, 0.75 mm<sup>2</sup>, red, 2 m and Test tip 600 V CAT IV, 10 A, red
- Soft accessory bag
- Warranty card
- Safety information
- Calibration certificate