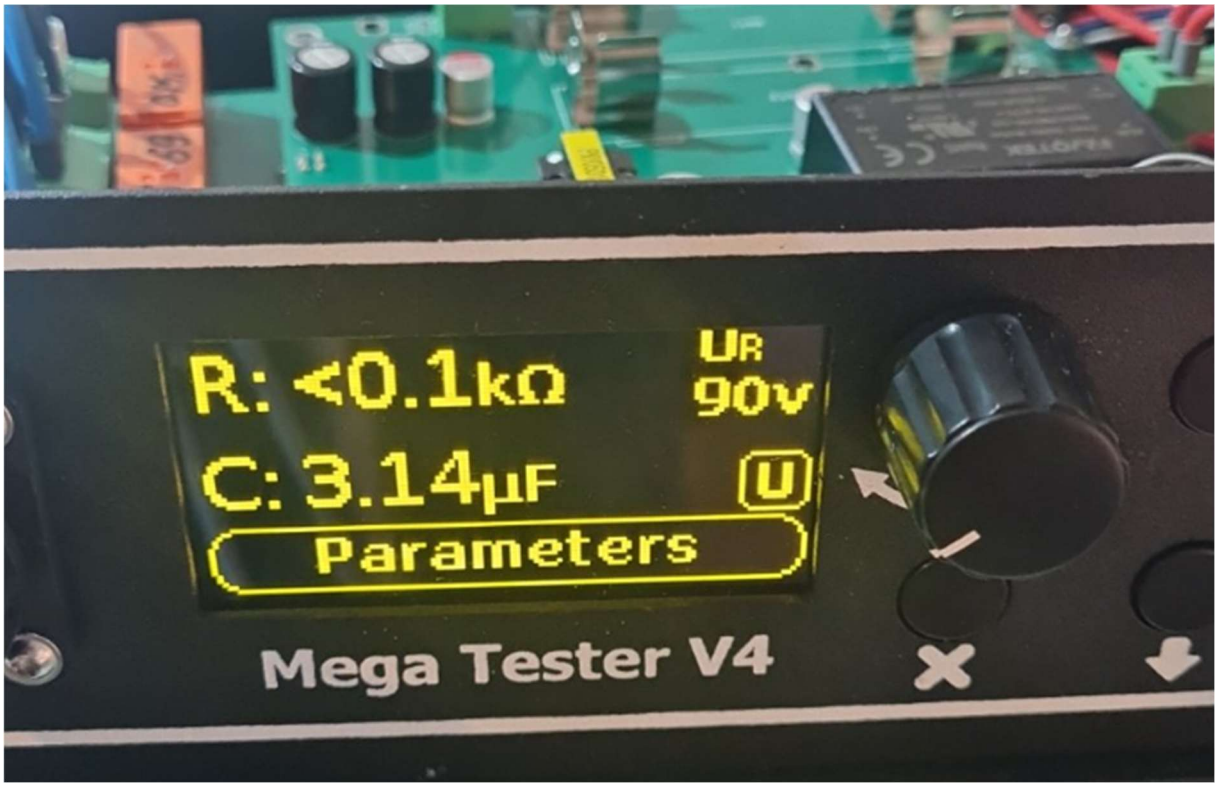
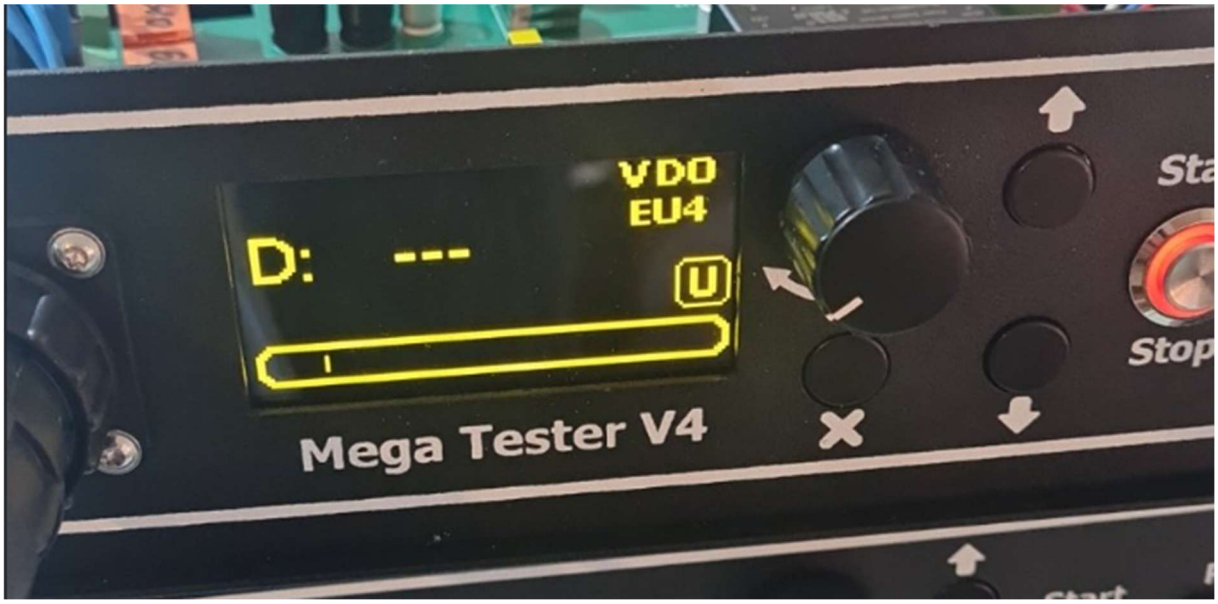
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The resistance (R) is below 1 kΩ, the “U” indicator is flashing, and the capacitance is within the acceptable range.



The GAP (D:) does not display a measurement value, and the “U” indicator is flashing.

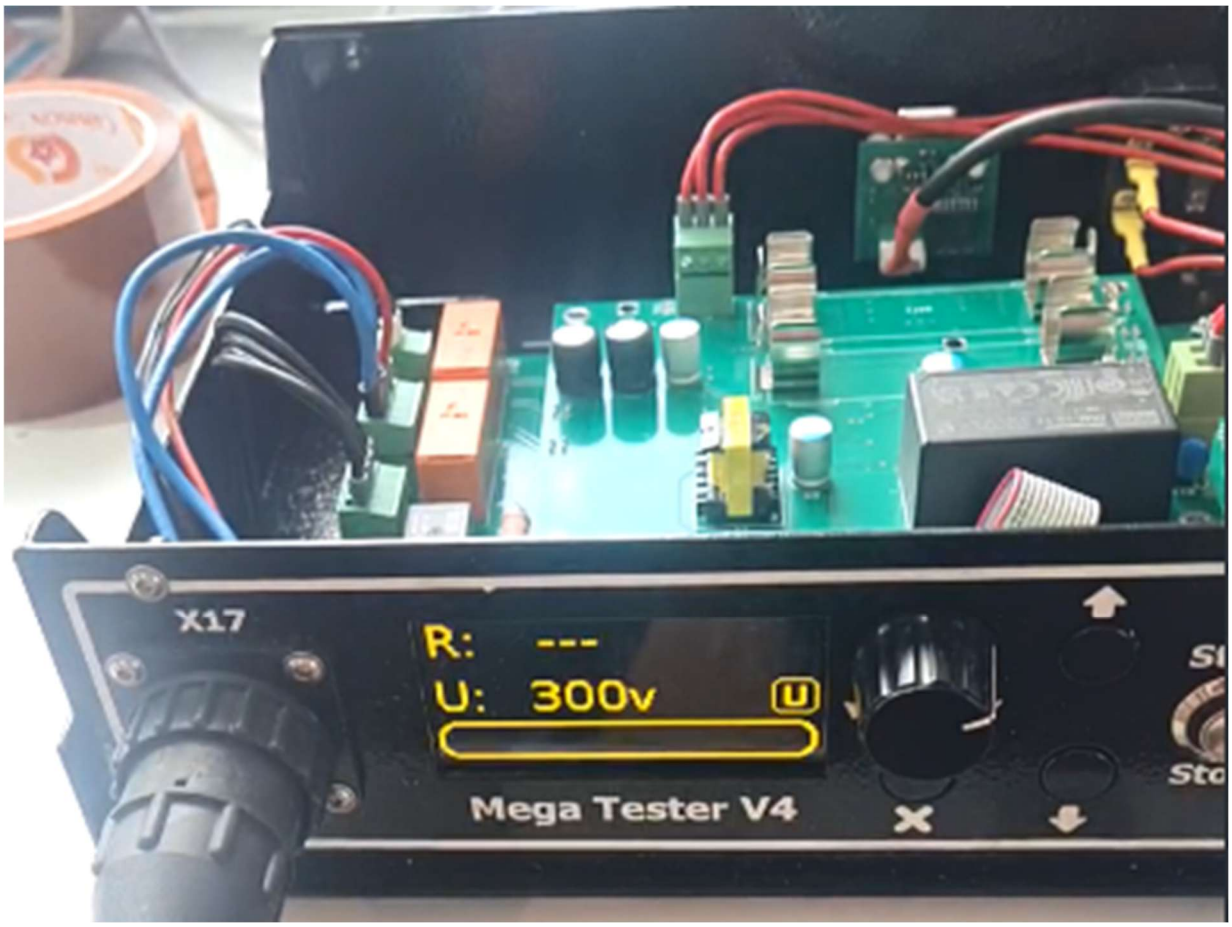


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In STROKE mode, the set voltage can be reached.



The insulation test does not display any measurement values, and the “U” indicator is flashing.



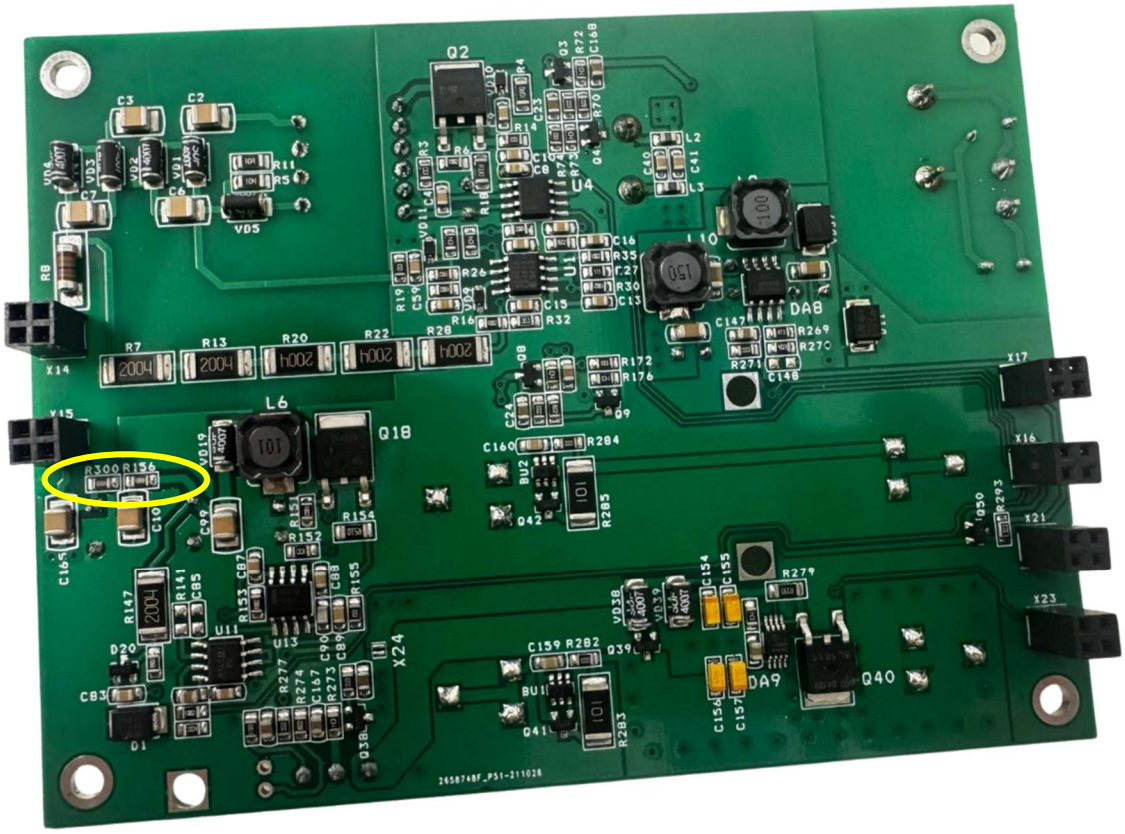
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Solution / Repair Procedure

Important: Disconnect the device from the power supply before disassembly. Ensure that all capacitors are fully discharged before touching or measuring any components. Repairs should only be performed by qualified personnel.

1. Disassembly and Inspection of the Upper PCB

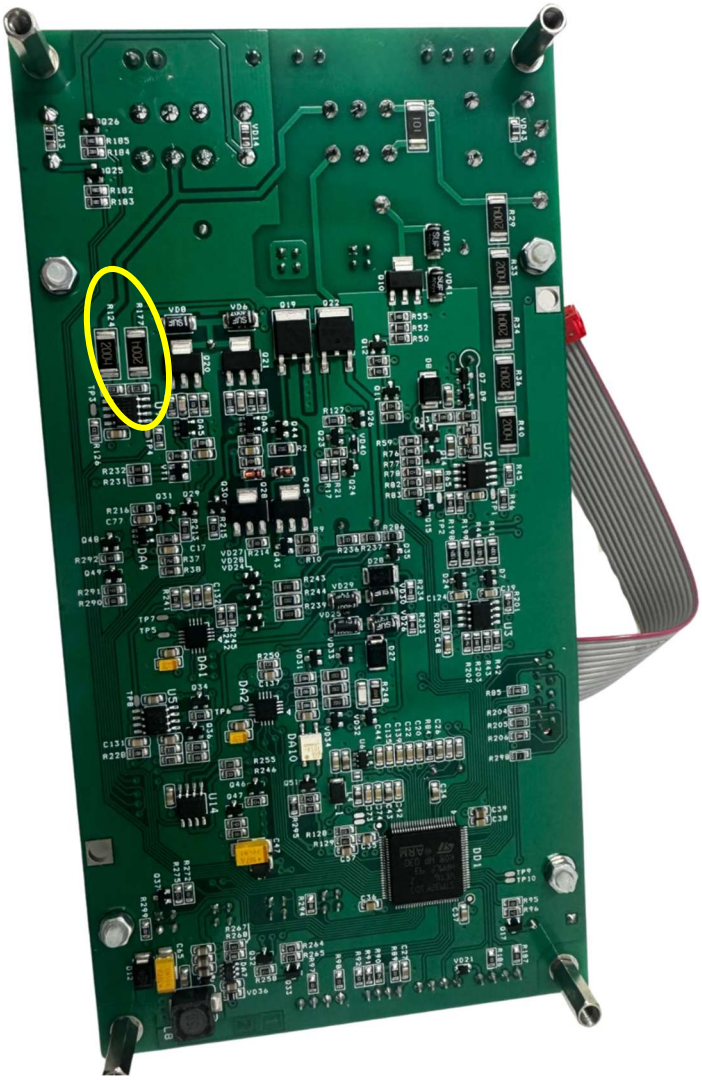
- Open the top cover of the device.
- Disconnect all cables and unscrew the electronic circuit board assembly from the metal housing (4 screws at the bottom).
- Carefully remove the PCB assembly from the housing.
- Remove the 4 screws connecting the upper (smaller) PCB to the lower (larger) PCB.
- First, check resistors **R156 and R300**, located on the inner side of the smaller PCB.
- Both resistors should have a resistance of **50 Ω**.
- If the measured resistance differs significantly from this value (usually higher), the defective resistor(s) must be replaced.



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2. Inspection of the Lower PCB

- Locate resistors **R177 and R124** on the underside of the larger PCB.
- Both resistors should have a nominal resistance of approximately **2 MΩ**.
- When measured in-circuit (without desoldering), the resistance may be approximately **1.5 MΩ** due to other components connected in the circuit.
- If the measured resistance is **7–8 MΩ or higher**, the defective resistor(s) must be replaced.



If you are unable to repair the device yourself, please contact us for further assistance or arrange shipment of the device to us for repair. We will advise you on how to declare the shipment correctly to avoid additional costs or delays related to shipping or customs clearance

For customers outside the EU, it is recommended to prepare customs documents and declare the shipment as return for repair / warranty claim. You may attach the original invoice for reference and clearly state that the goods are sent for repair only (not for sale, no customs clearance for free circulation).