



emed
confidence in performance

TESTUM

ELECTROSURGICAL CABLES TESTER

To meet the expectations of customers, EMED presents TESTUM - universal electrosurgical cables tester.



TESTUM allows you to check the electrosurgical wires, cables and instruments available on the market in popular standards of connections such as:

- monopolar 3-pin, 8 mm and 4 mm
- bipolar 2-pin 29 mm and 2 x 4 mm
- universal SDS
- neutral US and EU 6.3 mm

The main advantage of the device is its ease of use and the **quick access to test results**. TESTUM is a mobile device. Equipped with two batteries, it can be used away from the power source. The device is delivered in a **comfortable suitcase**, due to which it can be safely transported.

Carried out tests:

- cable continuity test (current test)
- test of short-circuit between wires (voltage test)
- button test (handle and footswitch)
- measurement of the monopolar cable's resistance
- tool detection test (for SDS tools)

The device can be used to test:

- monopolar handles
- monopolar, bipolar and universal SDS cables
- disposable and reusable neutral electrode cables
- cable (6-pin) and wireless (WIFS standard) footswitches
- flexible argon probes

MEASUREMENT PARAMETERS

Current in continuity measurement	0.5A
Measurement range	0-2Ω
Resolution	2mΩ
Accuracy	+/- 4mΩ
Cable continuity test pass threshold	1.7Ω

Shot-circuit testing

Measurement range	0-2MΩ
Resolution	2kΩ
Accuracy	+/- 4kΩ

CONNECTIONS

Communication	USB Type-C socket for the connection to the computer WiFS radio module for the communication with footswitches
Charging	USB Type-C socket

EXTERNAL POWER SUPPLY

Voltage	5V
Current	2.4A

BATTERY

Type	2 x lithium-ion cell
Voltage	7.2 V
Capacity	2600 mAh
Average service time	4 hours
Charging time	2 hours

DIMENSIONS AND WEIGHT

Lenght	210 mm
Height	260 mm
Width	50 mm
Weight	1,2 kg

OTHER

Cooling system	Passive
Charger power supply type	Single-phase power supply
Maximum power consumption during charging	12W
Lifetime	10 years
Electric shock protection class	III (battery power supply)
IP classification	IP2X

