



MINI TABLET TESTER

User Manual

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MINI TABLET TESTER MANUAL – Introduction

SWITCHING ON THE TESTER

Battery mode (without external power supply)

1. Set the switch to 1
2. Press the side button next to the switch, twice
3. The display will light up and the system will start up

External power supply mode

- Connect the power cable to the socket of the tester
- The tester will start up automatically, regardless of the position of the switch (even if it is set to 0)

CHARGING THE BATTERY

Procedure:

1. Connect the external power supply to the tester
2. Set the switch to 1
3. Charging will start automatically



NOTE: In order to charge the battery, the switch must be in position **1**. The battery will not charge if the switch is set to **0**.

BATTERY STATUS INDICATOR

The battery icon is displayed at the **top right-hand corner** of the screen and it indicates the charge level, using different colours:

Colour	Status
 BLUE	Battery charging
 GREEN	Charge 100% – 50%
 YELLOW	Charge 49% – 10%
 RED	Charge below 10%



WARNING: When the icon turns red, connect the tester to the power supply to prevent it from automatically switching off.

SECTION: CONNECTIONS AND SOCKETS

STANDARD NOMENCLATURE

The tester uses the standard nomenclature for fencing cable connectors:

Letter Position

B	Socket at the centre
A	Socket away from the centre
C	Socket close to the centre

TESTER SOCKETS

The panel of the tester features sockets grouped by **colour** according to their function:



BLUE SOCKETS – Main

- **Use:** connection of weapons and bodywires (main connection)
- **Function:** reference sockets for all weapon and bodywire tests



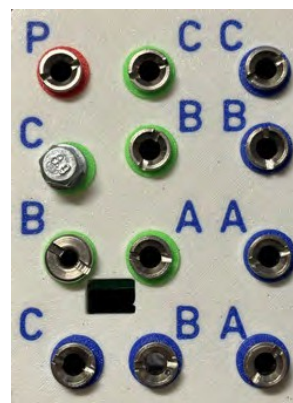
GREEN SOCKETS – Bodywire test

- **Use:** inserting the second end of the bodywire
- **Function:** completing the circuit for the bodywire's continuity testing



RED SOCKET – Testing specific components

- **Use:**
 - Testing the guard of an epee
 - Testing the point of a foil



MINI TABLET TESTER MANUAL – Main Menu

MAIN SCREEN

The touchscreen display features icons for accessing functions, organised by **test type**:

LAYOUT OF THE MENU

Row	Category	Function	
1st	EPEE	 WEAPON CHECK  BODYWIRE CHECK	
2nd	FOIL	 WEAPON CHECK  BODYWIRE CHECK  LAMINATED FABRIC CHECK	
3rd	SABRE	 WEAPON CHECK  BODYWIRE CHECK  LAMINATED FABRIC CHECK	
4th	TOOLS	REEL CHECK, LANGUAGE SETTINGS	
5th	SETUP	OPTIONS AND LIMITS, Wi-Fi CONNECTION, FIRMWARE UPDATE	

NAVIGATION

- Tap the icon to access the corresponding function
- To return to the main menu: **swipe up** on the screen
- To block the tester on a specific screen: **swipe down** on the screen

MINI TABLET TESTER MANUAL – WEAPON CHECK – EPEE

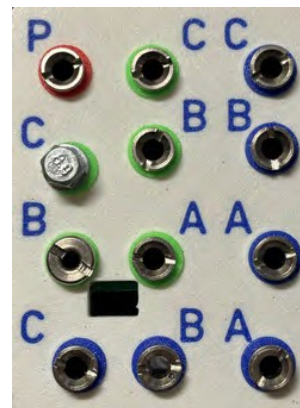
TEST PROCEDURE

CONNECTION

1. Connect one end of the bodywire to the epee
2. Connect the other end of the bodywire to the **BLUE sockets** of the tester
 - **Preferred:** horizontal sockets (more working space)
 - **Alternative:** vertical sockets

PERFORMING THE TEST

1. With the epee connected, the display remains unchanged in standby mode
2. **Press the point of the epee** to activate the circuit
3. The tester begins the measurement



DISPLAY OF RESULTS

Display during the test:



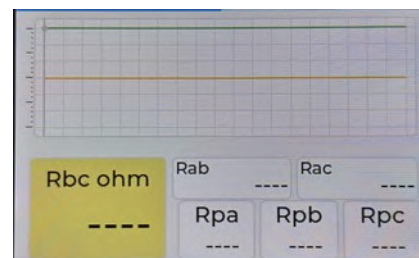
Main panel (bottom left)

- Displays the resistance value in **Ohms** in real time



Dynamic Graph

- **Green Line:** trend of the resistance measured over time
- **Yellow Line:** maximum limit according to the **FIE** regulations (user-configurable in SETUP)



Measured resistance: B-C

The displayed value represents the resistance between socket **B** (centre) and **C** (near the centre)

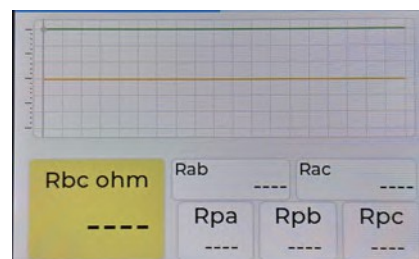
INTERPRETATION OF RESULTS



COMPLIANT EPEE

AT REST (point not pressed)

- No value displayed
- Green line absent or at maximum
- Infinite resistance (open circuit)



POINT PRESSED:

- Green line **below** the yellow line
- Ohm value **below** the FIE limit
- No values in squares A-B and A-C

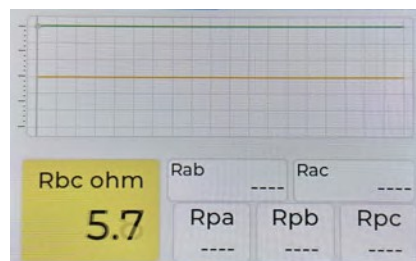




NON-COMPLIANT EPEE

Case 1: Excessive B-C resistance

- Green line **above** the yellow line when the point is pressed
- **Cause:** oxidised contacts, worn point spring, damaged cable



Case 2: Permanent continuity

- Resistance value present even at rest
- **Cause:** point stuck in the pressed position, short circuit

Case 3: Internal short circuit

- Values appear in squares **C-A** and/or **B-A** with a **RED background**
- **Meaning:** presence of abnormal continuity between the wires
- **Cause:** damaged insulation, internal short circuit in the weapon



WARNING: In a working epee, there must be **NO** continuity between A-B and A-C. The colour red indicates a malfunction

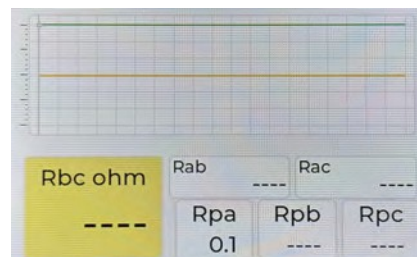
GUARD CHECK

PROCEDURE

1. Connect a cable to the **RED socket**
2. Touch **several points** of the guard with the other end of the cable
3. Check for electrical continuity across the entire surface

DISPLAY

- The value of the resistance of the guard is displayed on the **Rpa** box
- Test different areas to check for uniformity of conduction



FLOWCHART

Condition	B-C	C-A / B-A	Green Line	Status
Rest	Absent	Absent	Absent/Maximum	 OK
Point pressed	Present (below yellow line)	Absent	Below yellow line	 OK
Point pressed	Present (above yellow line)	Absent	Above yellow line	 NOT OK
Any condition	—	Present (RED)	—	 NOT OK

MINI TABLET TESTER MANUAL – BODYWIRE CHECK – EPEE

ACCESSING THE FUNCTION

Method 1: From the main menu

- Click on the **BODYWIRE** icon in the **first row** (EPEE)

Method 2: From the Weapon Check Epee screen

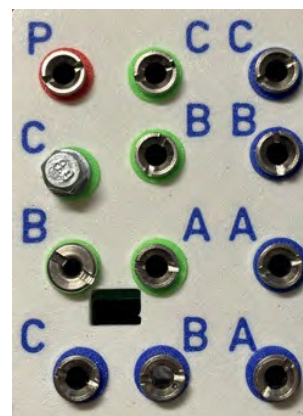
- Swipe left** on the screen



TEST PROCEDURE

CONNECTION

- Insert one end of the bodywire in the **BLUE** sockets
- Insert the other end of the bodywire in the **GREEN** sockets



NOTE: This procedure applies to the bodywires of **all 3 weapons** as well as to all **reels**.

DISPLAY OF RESULTS



COMPLIANT BODYWIRE



Bottom left panel

- Three lines, of **different colours**, connecting:
 - c to **C**
 - b to **B**
 - a to **A**



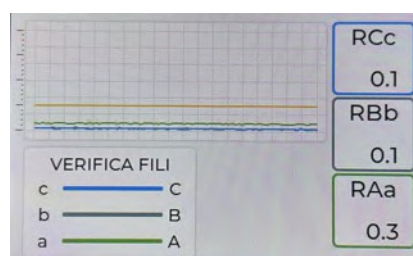
Dynamic graph

- 3 coloured lines:** Ohm resistance trend of each wire over time
- Yellow line:** maximum Ohm limit for bodywire compliance (user-configurable in SETUP)



Panels on the right

- Resistance values in **Ohms** for each wire



MALFUNCTION DIAGNOSIS

LACK OF CONTINUITY

Symptom:

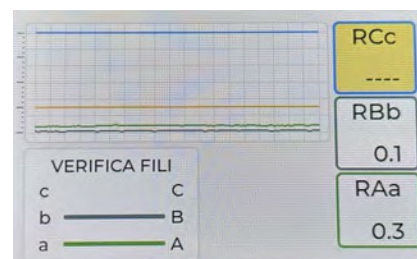
- One, or more connecting lines, are **missing** from the bottom left panel

Example:

- If line c-C is missing, wire C is broken

Cause:

- Broken or damaged wire



CROSS-CONNECTIONS

Symptom:

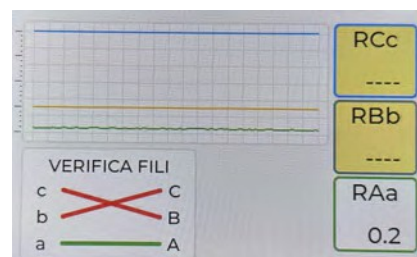
- Connection lines displayed in **RED** with incorrect connections

Example:

- Red line connecting c to **B** (instead of c-C)
- Indicates reversed wires

Cause:

- Incorrect wiring of the bodywire



SHORT CIRCUIT BETWEEN WIRES

Symptom:

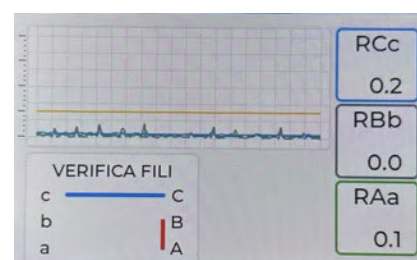
- A **VERTICAL red line** connecting two or more letters on the same side

Example:

- Vertical red line between **A** and **B**
- Indicates a short circuit between wires **A** and **B**

Cause:

- Damaged insulation, accidental contact between conductors



GRAPHICAL INTERPRETATION

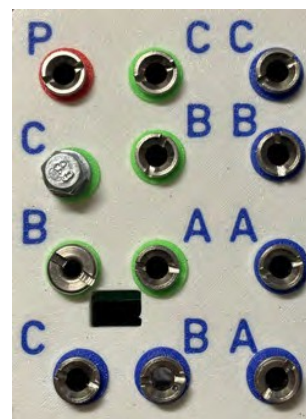
Display	Meaning	Status
3 coloured horizontal lines (c-C, b-B, a-A)	All wires correctly connected	 OK
Missing line	Wire broken	 NOT OK
Diagonal red line (e.g. c-B)	Cross-connections	 NOT OK
Vertical red line (e.g. A-B)	Short circuit	 NOT OK
Lines below the yellow line	Resistance within tolerance	 OK
Lines above the yellow line	Excessive resistance	 NOT OK

MINI TABLET TESTER MANUAL – WEAPON CHECK – FOIL

TEST PROCEDURE

CONNECTION

1. Connect one end of the bodywire to the foil
2. Connect the other end of the bodywire to the BLUE sockets on the tester
 - **Preferred:** horizontal sockets (more working space)
 - **Alternative:** vertical sockets



OPERATING PRINCIPLE



FUNDAMENTAL DIFFERENCE FROM EPEE:

Foil operates on a **normally CLOSED circuit**:

- **At rest:** closed circuit → low resistance
- **Point pressed:** open circuit → infinite resistance (no continuity)

TEST PROCEDURE

Weapon circuit test

1. Connect the foil to the blue sockets
2. **At rest:** the display immediately shows the point's resistance value
3. **Press the point:** the resistance rises to infinity (continuity interrupted)

DISPLAY OF RESULTS

Display during the test:



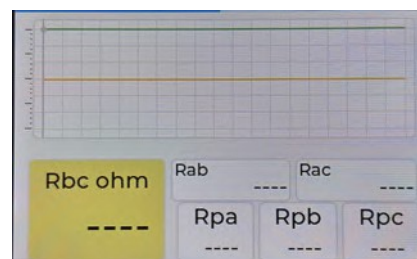
Main panel (bottom left)

- Features the resistance value in **Ohms**, in real time



Dynamic graph

- **Green line:** measured resistance trend over time
- **Yellow line:** limit according to **FIE** regulations (user-configurable in SETUP)



Measured resistance: B-A

The displayed value represents the resistance between sockets **B** (centre) and **A** (furthest from the centre)

INTERPRETATION OF RESULTS



COMPLIANT FOIL

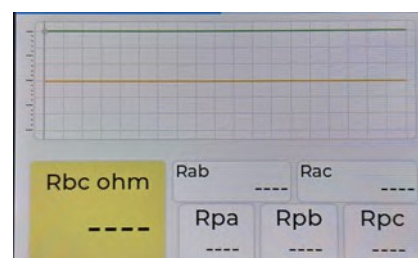
AT REST (point not pressed):

- Green line **below** the yellow line
- **Low** Ohm value (closed circuit)



PUNTA PREMUTA:

- Green line **above** the yellow line (towards infinity)
- **Very high** or zero ohms (open circuit)



BEHAVIOUR OPPOSITE TO EPEE



NON-COMPLIANT FOIL

Case 1: Excessive B-A resistance at rest

- Green line **above** the yellow line even without pressing the point
- **Cause:** oxidised contacts, faulty point spring, damaged cable



Case 2: Circuit failure to open

- When the point is pressed, the resistance remains low
- Green line does not rise
- **Cause:** point jammed, faulty mechanism



Case 3: Internal short circuit

- Values appear in boxes **C-B** and/or **C-A** with a **RED** background
- **Meaning:** abnormal continuity detected
- **Cause:** damaged insulation, internal short circuit in the weapon



WARNING: In a functioning foil, there must **NOT** be continuity between C-B and C-A. The colour red indicates a malfunction.

POINT CHECK (with P-socket)

PROCEDURE

1. Place the **point of the foil** on the **P-socket** (red)
2. Read the resistance values displayed

DISPLAY AT REST

- **Rpa**: resistance value present
- **Rpb**: resistance value present

DISPLAY WHEN POINT IS PRESSED



COMPLIANT POINT:

- **Rpa**: value **disappears** (open circuit)
- **Rpb**: value **remains visible**



NON-COMPLIANT POINT:

- Rpa does not disappear when the tip is pressed
- **Cause**: faulty mechanism, damaged spring

FLOWCHART

Condition	B-A	C-A / C-A	Rpa	Rpb	Status
Rest	Low (below yellow line)	Absent	Present	Present	 OK
Point pressed	Infinite (above yellow line)	Absent	Absent	Present	 OK
Rest with high B-A	High	—	—	—	 NOT OK
Presence of C-B or C-A	—	Present (RED)	—	—	 NOT OK
Point pressed but Rpa present	—	—	Present	Present	 NOT OK

MINI TABLET TESTER MANUAL – BODYWIRE TEST – FOIL

ACCESSING THE FUNCTION

Method 1: From the main menu

- Click on the **BODYWIRE** icon in the **second row** (FOIL)

Method 2: From the Weapon Check Foil screen

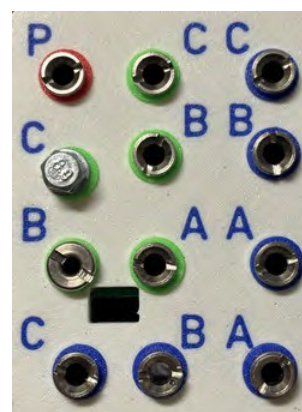
- Swipe left** on the screen



TEST PROCEDURE

CONNECTION

- Insert one end of the bodywire into **the BLUE sockets**
- Insert the other end into **the GREEN sockets**



NOTE: This procedure applies to the bodywires of **all 3 weapons** as well as to all **reels**.

DISPLAY OF RESULTS



COMPLIANT BODYWIRE



Bottom left panel

- Three lines of **different colours** connecting:
 - c to C
 - b to B
 - a to A



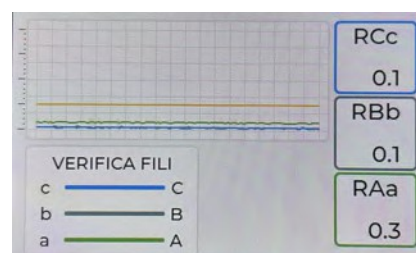
Dynamic Graph

- 3 coloured lines:** Ohm resistance trend over time for each wire
- Yellow line:** maximum Ohm limit for bodywire compliance (user-configurable in SETUP)



Panels on the right

- Numerical values in **Ohms** for each individual wire



MALFUNCTION DIAGNOSIS



LACK OF CONTINUITY

Symptom:

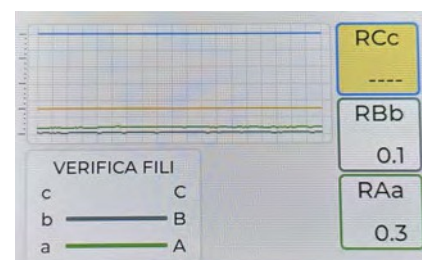
- One or more connecting lines **are missing** in the bottom left panel

Example:

- If the c-C line is missing, the C wire is broken

Cause:

- Broken or damaged wire



CROSS-CONNECTIONS

Symptom:

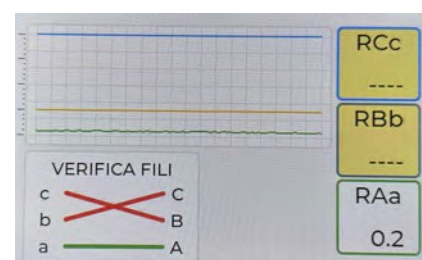
- Connection lines displayed in **RED** with incorrect connections

Example:

- Red line connecting **c** to **B** (instead of c-C)
- Indicates reversed wires

Cause:

- Incorrect wiring of the bodywire



SHORT CIRCUIT BETWEEN WIRES

Symptom:

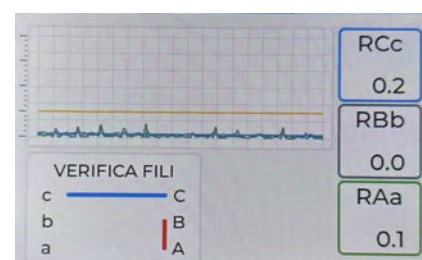
- A **VERTICAL red line** connecting two or more letters on the same side

Example:

- Vertical red line between **A** and **B**
- Indicates a short circuit between wires A and B

Cause:

- Damaged insulation, accidental contact between conductors



GRAPHICAL INTERPRETATION

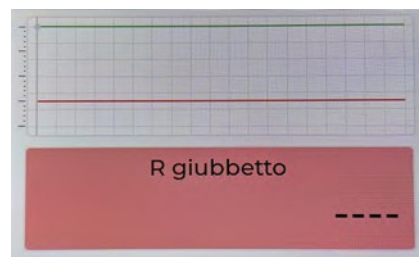
Display	Meaning	Status
3 coloured horizontal lines (c-C, b-B, a-A)	All wires connected correctly	 OK
Missing line	Wire broken	 NOT OK
Diagonal red line (e.g. c-B)	Cross-connections	 NOT OK
Vertical red line (e.g. A-B)	Short circuit	 NOT OK
Lines below the yellow line	Resistance within tolerance	 OK
Lines above the yellow line	Excessive resistance	 NOT OK

MINI TABLET TESTER MANUAL – CONDUCTIVE FABRIC CHECK – FOIL

PURPOSE

Conformity testing for:

- **Conductive lamé**
- **Electric jackets**



EQUIPMENT REQUIRED

Special cable (optional)

End 1 – Tester connection:

- **Three-pin socket** → to be connected to the **BLUE sockets**

End 2 – Weight connection:

- **4 mm single-pin plug (banana)** → to be connected to the 500g weight

Accessory included:

- **Crocodile clip** → to be connected to the fabric to check

LED indicators on the single-pin plug:

- **Green LED:** compliant fabric
- **Red LED:** non-compliant fabric

Weight: 500g

FIE specifics:

- Weight: **500 gr**
- Point: **rounded**
- Opening: **4 mm diameter** (for cable connection)



DISPLAY OF RESULTS

Display during the test:



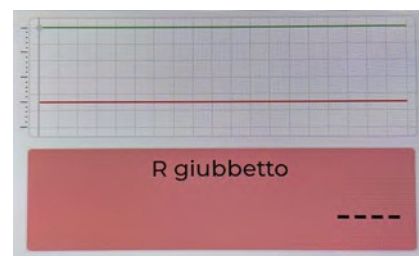
Dynamic graph

- **Red line:** maximum resistance limit in Ohms as per the **FIE** regulation
- **Green line:** resistance trend measured in real time



Lower (large) panel

- Displays the resistance value in **Ohms**
- **Dynamic background:**
 - **GREEN:** resistance within tolerance (below the limit)
 - **RED:** excessive resistance (above the limit)



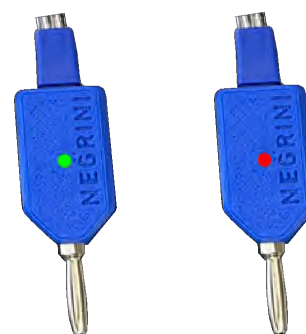
VISUAL INDICATORS

On the display:

Condition	Green Line	Panel background	Value Ohm
 Fabric OK	Below the red line	GREEN	< FIE limit
 Fabric NOT OK	Above the red line	RED	> FIE limit

On the cable (LED):

LED on	Meaning
 Green	Point checked compliant
 Red	Point checked non-compliant



NOTE: The LEDs follow the panel on the display to allow immediate readings during tests.

INTERPRETATION



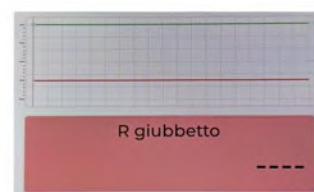
COMPLIANT FABRIC

- Resistance **below** the FIE limit at all tested points
- GREEN** panel + **GREEN** LED
- Green line below the red line



NON-COMPLIANT FABRIC

- Resistance exceeding the FIE limit at one or more points
- RED** panel + **RED** LED
- Green line above the red line
- Possible causes:** worn-out fabric, broken conductive wires, oxidation



SYSTEM ADVANTAGES

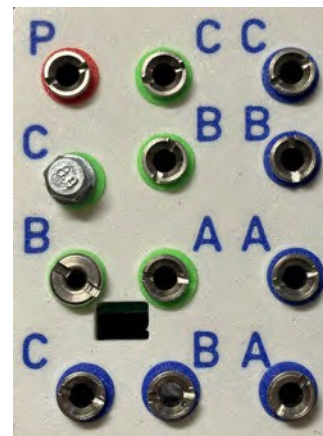
- Dual visual indication:** display + LED on the cable
- Immediate reading:** instant colour change
- Dynamic test:** possible to map the entire surface of the fabric
- FIE compliance:** weight and procedure in accordance with regulatory specifications

MINI TABLET TESTER MANUAL – WEAPON CHECK – SABRE

TEST PROCEDURE

CONNECTION

1. Connect one end of the **bodywire** to the sabre
2. Connect the other end of the bodywire to the **BLUE sockets** on the tester
 - **Preferred:** horizontal sockets (more working space)
 - **Alternative:** vertical sockets



OPERATING PRINCIPLE

Sabre operates with a **normally OPEN circuit** (like epee):

- **At rest:** no continuity → infinite resistance
- **Touch with blade/tip:** circuit closed → low resistance



DIFFERENCE FROM EPEE AND FOIL:

For sabre, a touch is valid for **the entire blade**, not just the point.

TEST PROCEDURE

Blade continuity test

1. Connect the blade to the blue sockets
2. **Touch** socket P (red) **with the blade:** the display features the resistance value
3. **Release the contact:** the resistance returns to infinity



IMPORTANT: Test several points of the blade (point, middle, forte)

DISPLAY OF RESULTS

Display during the test:



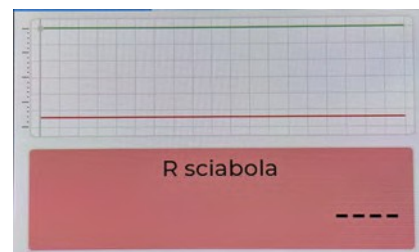
Main panel (bottom left)

- Displays the resistance value in **Ohms** in real time



Dynamic graph

- **Green line:** measured resistance trend over time
- **Yellow line:** limit according to FIE regulations (user-configurable in SETUP)



Measured resistance: B-C

The value displayed represents the resistance between sockets **B** (centre) and **C** (near the centre)

INTERPRETATION OF RESULTS



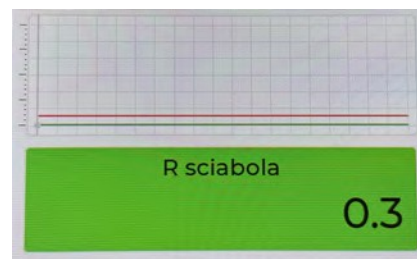
COMPLIANT SABRE

AT REST (without contact):

- No value displayed
- Green line absent or at maximum
- Infinite resistance (open circuit)

BLADE IN CONTACT WITH P SOCKET:

- Green line **below** the yellow line
- Ohm value low and stable
- Uniform resistance at all tested points of the blade



NON-COMPLIANT SABRE

Case 1: Excessive resistance

- Green line **above** the yellow line when touched
- **Cause:** damaged insulation, oxidised contacts, faulty cable

Case 2: Permanent continuity

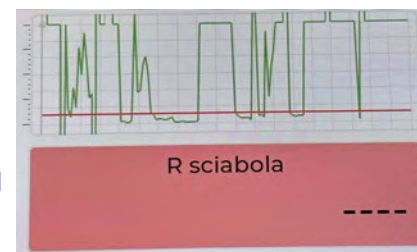
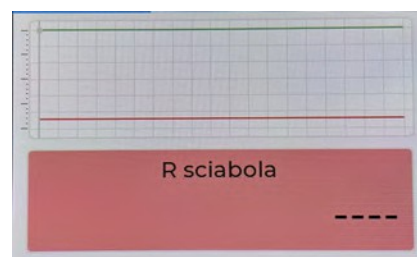
- Resistance value present even without contact
- **Cause:** short circuit, punctured insulation

Case 3: Variable resistance across the blade

- Significantly different values between point, middle and forte
- **Cause:** uneven wear, localised damage

Case 4: Internal short circuit

- Appearance of values in boxes **C-A** and/or **B-A** with a **RED background**
- **Cause:** damaged insulation, short circuit between wires



FLOWCHART

Condition	B-C	C-A / B-A	Green Line	Status
Rest	Absent	Absent	Absent/Maximum	 OK
Blade in contact	Present (below yellow line)	Absent	Below yellow line	 OK
Blade in contact	Present (above yellow line)	Absent	Above yellow line	 NOT OK
Any condition	—	Present (RED)	—	 NOT OK

MINI TABLET TESTER MANUAL – BODYWIRE TEST – SABRE

ACCESSING THE FUNCTION

Method 1: From the main menu

- Click on the **BODYWIRE** icon in the **third row** (SABRE)

Method 2: From the Weapon Check Sabre screen

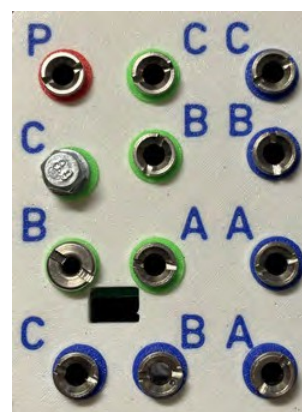
- Swipe left** on the screen



TEST PROCEDURE

CONNECTION

- Insert one end of the bodywire into the **BLUE** sockets
- Insert the other end into the **GREEN** sockets



NOTE: This procedure applies to the bodywires on **all three arms**, as well as to all reels.

DISPLAY OF RESULTS



COPLIANT BODYWIRE



Bottom left panel

- Three lines of **different colours** connecting:
 - c to C
 - b to B
 - a to A



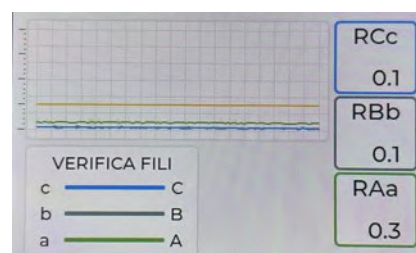
Dynamic graph

- 3 coloured lines:** Ohm resistance trend over time for each wire
- Yellow line:** maximum Ohm limit for bodywire compliance (user-configurable in SETUP)



Panels on the right

- Resistance values in **Ohms** for each single wire



MALFUNCTION DIAGNOSIS



LACK OF CONTINUITY

Symptom:

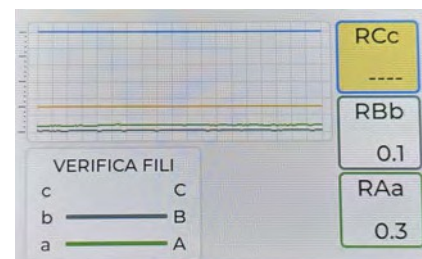
- One or more connecting lines are **missing** from the bottom left panel

Example:

- If line c-C is missing, then the wire C is broken

Cause:

- Broken or damaged wire



CROSS-CONNECTIONS

Symptom:

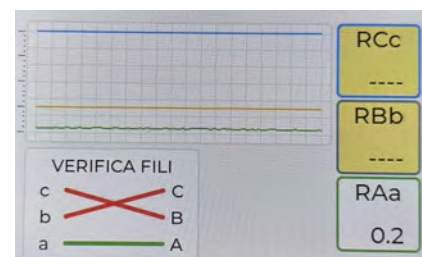
- Connection lines displayed in **RED** with incorrect connections

Example:

- Red line connecting **c** to **B** (instead of c-C)
- Indicates reversed wires

Cause:

- Incorrect wiring of the bodywire



SHORT CIRCUIT BETWEEN WIRES

Symptom:

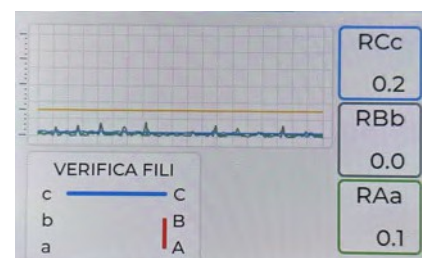
- A **VERTICAL red line** connecting two or more letters on the same side

Example:

- Vertical red line between **A** and **B**
- Indicates a short circuit between wires A and B

Cause:

- Damaged insulation, accidental contact between conductors



GRAPHICAL INTERPRETATION

Display	Meaning	Status
3 coloured horizontal lines (c-C, b-B, a-A)	All wires connected correctly	 OK
Missing line	Wire broken	 NOT OK
Diagonal red line (e.g. c-B)	Cross-connections	 NOT OK
Vertical red line (e.g. A-B)	Short circuit	 NOT OK
Lines below the yellow line	Resistance within tolerance	 OK
Lines above the yellow line	Excessive resistance	 NOT OK

MINI TABLET TESTER MANUAL – CONDUCTIVE FABRIC TEST – SABRE

PURPOSE

Conformity testing for:

- **Conductive lamé**
- **Electric jackets**

EQUIPMENT REQUIRED

Special cable (optional)

End 1 – Tester connection:

- **Three-pin socket** → to be connected to the **BLUE sockets**

End 2 – Weight connection:

- **4 mm single-pin plug (banana)** → to be connected to the 500g weight

Accessory included:

- **Crocodile clip** → to be connected to the fabric to be tested

LED indicators on the single-pin plug:

- **Green LED:** compliant fabric
- **Red LED:** non-compliant fabric

Weight: 500g

FIE specifics:

- Weight: **500 gr**
- Point: **rounded**
- Opening: **4 mm diameter** (for cable connection)

DISPLAY OF RESULTS

Display during the test:



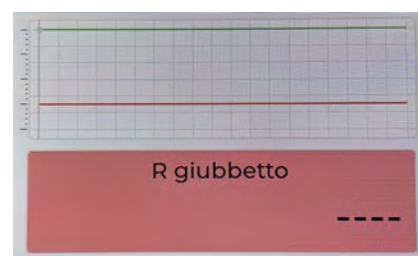
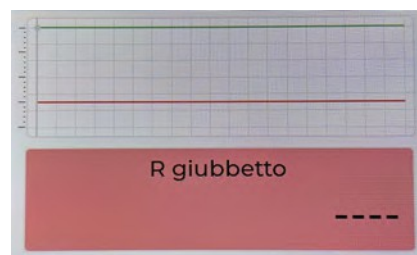
Dynamic graph

- **Red line:** maximum resistance limit in Ohms as per the **FIE** regulations
- **Green line:** resistance trend measured in real time



Lower (large) panel

- Displays the resistance value in **Ohms**
- **Dynamic background:**
 - **GREEN:** resistance within tolerance (below the limit)
 - **RED:** excessive resistance (above the limit)



VISUAL INDICATORS

On the display:
Condition



Fabric OK



Fabric NOT OK

Green Line

Below the red line

Above the red line

Panel
background

GREEN

RED

Value Ohm

< FIE limit

> FIE limit

On the cable (LED):

LED on



Green

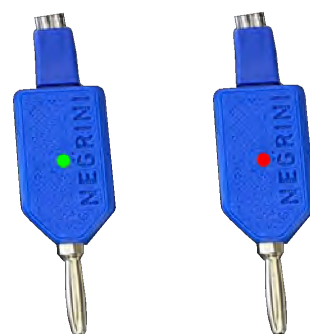


Red

Meaning

Point checked compliant

Point checked non-compliant



NOTE: The LEDs follow the panel on the display to allow immediate readings during tests.

INTERPRETATION



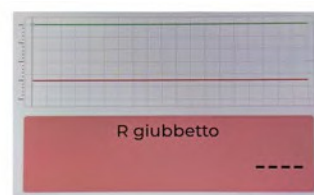
COMPLIANT FABRIC

- Resistance **below** the **FIE** limit at all tested points
- **GREEN** box + **GREEN** LED
- Green line below the red line



NON-COMPLIANT FABRIC

- Resistance **exceeds** the FIE limit at one or more points
- **RED** box + **RED** LED
- Green line above the red line
- **Possible causes:** fabric wear, broken conductive threads, oxidation



SYSTEM ADVANTAGES

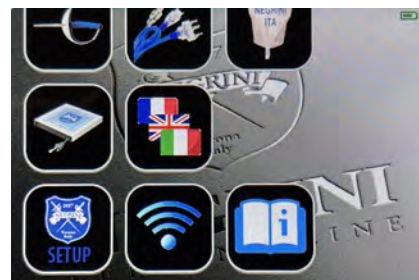
- **Dual visual indication:** display + LED on the cable
- **Immediate reading:** instant colour change
- **Dynamic testing:** allows to map the entire surface of the fabric
- **FIE compliance:** weight and procedure in accordance with regulatory specifications

MINI TABLET TESTER MANUAL – REEL CHECK

ACCESSING THE FUNCTION

From the main menu:

- Click on the **REEL TEST** icon in the **fourth row** (OTHER FUNCTIONS)



PURPOSE OF THE TEST

To check the **electrical continuity** and **resistance** of the reels used to connect the fencers to the signalling device.

TEST PROCEDURE

The procedure is **identical** to that followed for the bodywire test:

1. Insert one end of the reel into the **BLUE sockets**
2. Insert the other end into the **GREEN sockets**

DISPLAY AND INTERPRETATION

The display and the interpretation of the results are **identical** to those described for the **Epee Bodywire Test**.
See section: Bodywire Test Epee

SPECIAL FEATURES OF REELS



WARNING: Reels are subject to:

- **Mechanical wear** (continuous winding/unwinding)
- **Stress on connection points**
- **Internal wires damage** due to twisting



TIP: Test reels regularly, especially before important competitions.

MINI TABLET TESTER MANUAL – SETUP

NAVIGATION

The SETUP menu consists of **4 pages**.

Navigating through pages:

- **Swipe right:** next page
- **Swipe left:** previous page



PAGE 1: OPTIONS AND LIMITS

GENERAL OPTIONS



Sound Activation

- **ON/OFF:** enable/disable audio
- **Available levels:** 3 selectable volume levels



Auto Power Off

- **Function:** automatic switch-off after **5 minutes** of inactivity
- **Purpose:** energy saving



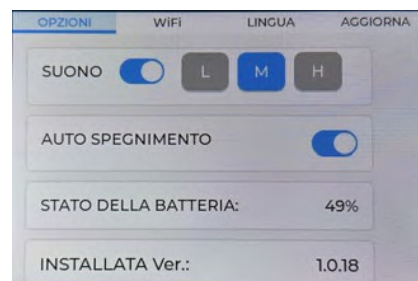
Battery Status

- Real-time display of remaining charge percentage



System Information

- **Software version** installed
- Device **serial number**
- **QR Code:** for product registration



LIMITS SETTING

Configuration of maximum resistance values (Ohms) in accordance with the **FIE** regulations for:

1. **Epee point**
2. **Epee bodywire**
3. **Foil point**
4. **Foil bodywire**
5. **Sabre**
6. **Conductive Fabric**
7. **Reels**



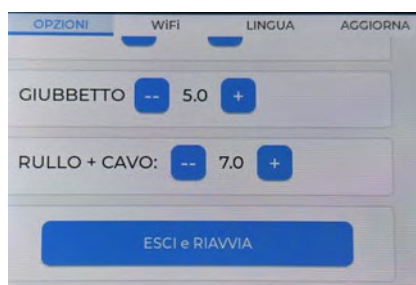
NOTE: These values determine the **reference lines** (yellow/red) displayed in the graphs during testing.

SAVE

Button: EXIT AND RESTART

Function:

- Saves all new settings
- Automatically restarts the tester
- Applies the new settings



PAGE 2: WI-FI CONNECTION

NETWORK SETUP

Fields to be filled in:

SSID

- Enter the **name of the Wi-Fi Network**

PWD

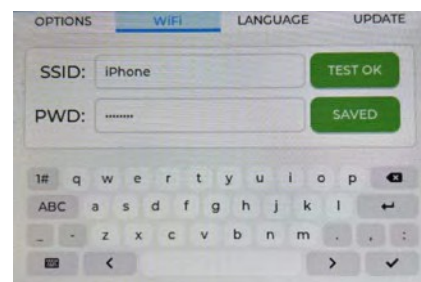
- Enter **password** of the Wi-Fi network



CONNECTION CHECK

Procedure:

1. Enter **SSID** and **PWD**
2. Press the **TEST** button
3. Wait for the verification result



Result verification:

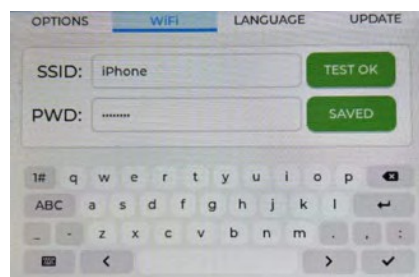
Button colour	Result	Meaning
 GREEN	 Positive	Connection successful
 RED	 Negative	Connection failed (check SSID/password))

SAVE

Button: SAVE

Function:

- Saves the Wi-Fi connection settings
- Automatic connection to the configured network



PAGE 3: LANGUAGE SETTINGS

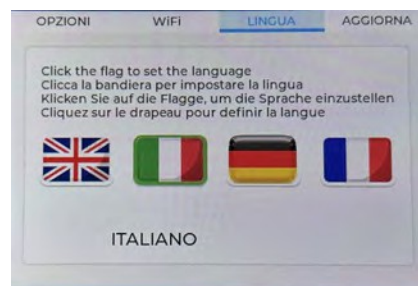
AVAILABLE LANGUAGES

The tester supports 4 languages:

1.  English
2.  Italian
3.  French
4.  German

SETUP PROCEDURE

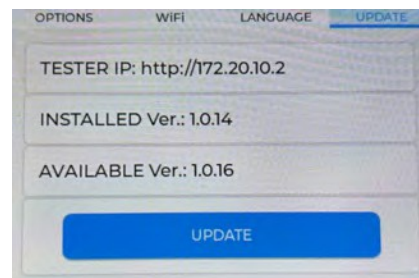
1. Select the **desired language** from the list
2. **Swipe up** on the screen
3. The system **saves the settings**
4. The tester **restarts automatically** with the new language



PAGE 4: FIRMWARE UPDATE

PURPOSE

Check for new firmware updates available and install them



COMPLETE PROCEDURE

For the detailed firmware update procedure, please refer to the official guide:



Link: <https://negrini.dmbdigital.it/come-aggiornare-il-software-del-mini-tablet-tester/>

AVAILABLE FUNCTIONS

- **Check for updates:** check for new versions available
- **Firmware download:** download update
- **Installation:** guided update procedure



WARNING:

- Make sure the tester is **sufficiently charged** before starting the update
- **Do not switch the device off** during the update
- **A stable Wii-Fi** connection is recommended