USER GUIDE

# MOM3

## Micro-ohmeter

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# MOM3
## Micro-ohmeter

# User Guide



Megger Sweden AB is certified according to ISO 9001 and 14001.

This manual supersedes all previous issues of this manual. Please ensure that you are using the most recent issue of this document. Destroy any copies that are of an older issue.

For Patent information about this instrument refer to the following web site: megger.com/patents

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# Contents

# 1. Introduction

The MOM3 is a handheld, high-current micro-ohmmeter designed with ease of use, versatility and safety in mind.

Being rugged, lightweight and handheld makes the MOM3 very suitable for fieldwork. Using the included carrying strap it can be brought with confidence even to the hard to reach test objects. It's strong rubber body makes it extra durable should it accidentally be dropped.

The MOM3 is designed to enable a full day's work of testing without recharging the battery. It can store, more than 2000 test values and transfer test data via USB-C to a PC and via Wi-Fi to the EGIL 200 Circuit Breaker Analyser (optional and future).

The MOM3 uses two ultracapacitors to generate the current output. Thanks to the low internal resistance, ultracapacitors are capable of instantaneous delivery of very high currents, in MOM3 up to 300 A up to 2mohm With ample energy stored in the ultracapacitors, it is possible to make multiple tests in very rapid sequence. The current output of MOM3 is also regulated and kept at the set value for the duration of the test time.
With an ultra-short measurement time, the MOM3 does not heat up the measurement object and thus eliminates the need for bidirectional measurements otherwise commonly used in micro-ohm measurements.

**Up to 300 A**

- Test current up to 300 A
- Battery operated
- Lightweight – 1.15kg
- Auto range: 0.1 µΩ to 3000 mΩ
- Optional wifi communication to EGIL 200*
- Complies with IEEE and IEC standards
- Up to 500 measurements @max current before recharging the battery

## 1.1 Company web site

Occasionally an information bulletin may be issued via the Megger web site. This may concern new accessories, new usage instructions or a software update. Please occasionally check on the Megger web site for anything applicable to your Megger instruments.

www.megger.com

## 1.2 Receiving instructions

- This instrument has been thoroughly tested and inspected to meet rigid specifications before being shipped. It is ready for use when set up as indicated in this user manual.
- Check the equipment received against the packing list to ensure that all materials are present. Notify Megger of any shortage.
- Examine the instrument for damage received in transit. If damage is discovered, file a claim with the carrier at once and notify Megger, giving a detailed description of the damage.

## 1.3 Service and support

For technical assistance please contact your local representative or direct your request to Megger in Sweden.

When sending the instrument, please use either the original crate or one of equivalent strength.

Add the return authorization number to the address label of the shipping container for proper identification and quicker handling.

## 1.4 Training

For information about training courses contact your local distributor or the Megger Sweden office.

E-mail: support-sweden@megger.com

# 2. Safety warnings and standards

These safety warnings must be read and understood before the instrument is used. Retain for future reference.

**WARNING : Read and comply with the following instructions. Always comply with local safety regulations.**

## 2.1 Safety, hazard and warning symbols on the instrument

| Icon | Description |
|---|---|
|  | Caution: Refer to accompanying documents. |
|  | Protective conductor terminal |
|  | Equipped with Lithium-ion battery |
| IP54 | IP rating |
|  | Equipment complies with current EU directives |
|  | WEEE, Waste Electrical and Electronic Equipment |

**Information duty regarding substances on REACH article 33, SVHC- list**

## 2.2 Warnings, cautions and notes

This user guide follows the internationally recognised definition. These instructions must be adhered to at all times.

| Description |
|---|
| **WARNING : Indicates a potentially dangerous situation which, if ignored, could lead to death, serious injury or health problems.** |
| **ATTENTION : Indicates a dangerous situation which, if ignored, could lead to injuries or health problems.** |
| **CAUTION : Indicates a situation which could lead to damage of the equipment or environment** |
| **NOTE : Indicates important instructions to be followed to perform the relevant process safely and efficiently.** |

**WARNING :**

## 2.3 Safety warnings

Before using the MOM3, inspect the entire device for any signs of physical damage, such as cracks, dents, or exposed components. The presence of any damage indicates a potential safety risk. In such cases, do not operate the device and immediately contact technical support for guidance

**Connecting – before the test**

- Before measuring resistance in circuit breakers or disconnecting switches (isolators), always check to see that the object being tested is closed and grounded at least on one side.
- Do not connect the instrument to inductive loads if not necessary. This can cause high voltages when removing the current clamps and possibly damage the MOM3.
- Always connect the protective ground on MOM3 before making any other connections.
- Always connect the test cables to MOM3 before connecting them to the test object.
- Never connect MOM3 to live circuits.

**During test**

- The rising current waveforms produced by the instrument may induce enough current into the secondary of a current transformer (CT) circuit to actuate a protective relay. If there is a CT in the current circuit, the protective relay equipment that is connected to it must be blocked to prevent actuation.
- After completing the measurements, you can follow the normal procedures that are used to demagnetize current transformer cores after DC has passed through their current transformer.
- Never open a circuit breaker while MOM3 is connected to it.
- Connection points for current cables can become hot during current generation.
- High current on output terminals.
- The MOM3 will be able to test when is charging, however, this can only be performed using the original charger provided with the equipment. Any other charger or power supply can be damaged during a test

**Disconnecting – after test**

- First, disconnect all test cables from the test object and then disconnect them from MOM3.
- Finally, disconnect the protective ground from MOM3

## 2.4 Important

- Never leave the MOM3 unattended while it is turned on.
- Do not use any accessories that are not intended for use together with the instrument.
- It is possible to use the MOM3 for testing during battery charging.
- Do not attempt to service the instrument yourself. Doing so will void the warranty. For all servicing needs, please refer to Megger authorized personnel.
- If you need to return the instrument, please use the original packaging or equivalent sturdy packaging.
- Unplug the leads and set MOM3 to Off if MOM3 is not in use (because it discharges).

## 2.5 Test leads safety warning

- Test leads, including Kelvin clamps and Kelvin probes, must be in good condition, clean, dry, and free of broken or cracked insulation. The lead set or its components must not be used if any part of it is damaged.

## 2.6 Device storage

When storing your device for extended periods:

- Store with battery at 40-60% charge (not full, not empty)
- Keep in cool, dry place (10-20°C/50-68°F)
- Recharge device every 6 months even when not in use
- Fully charge before using again after storage

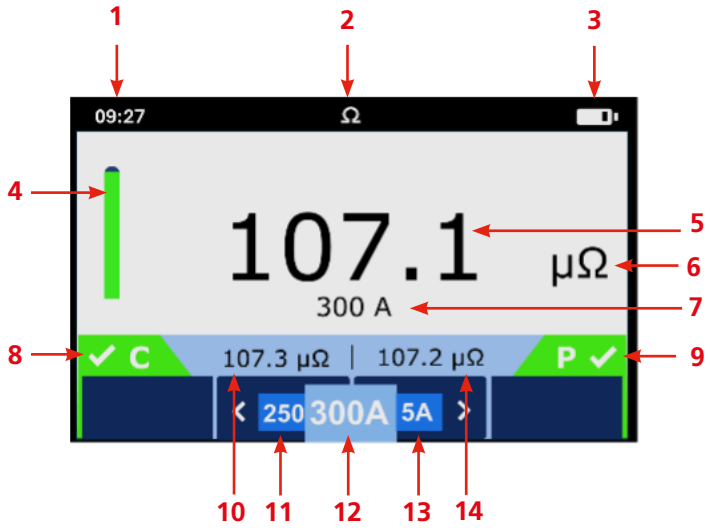
**ATTENTION : Lithium-ion batteries cannot recharge themselves during storage. A battery left unused for extended periods will gradually discharge and may enter a deep discharge state, potentially affecting battery performance and lifespan.**

# 3. Instrument overview

## 3.1 MOM3

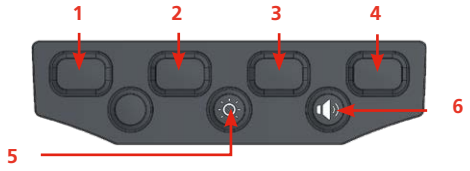

| Item | Description | Item | Description |
|---|---|---|---|
| 1 | Current output terminal (-) | 7 | Confirm button (Ok) |
| 2 | Current output terminal (+) | 8 | Function selector |
| 3 | Display | 9 | Voltage (+) sense |
| 4 | Ground (earth) terminal | 10 | Voltage (–) sense |
| 5 | Navigation and setting keys | 11 | Strap holder |
| 6 | Test button | 12 | USB-C for charging and data transfer |

## 3.2 Display layout




| Item | Description | Item | Description |
|---|---|---|---|
| 1 | Time | 8 | Continuity indicator "C", current |
| 2 | Test mode Icon | 9 | Continuity indicator "P", potential |
| 3 | Battery status | 10 | Previews measurement |
| 4 | Supercapacitor charge status | 11 | Previews test current "A" |
| 5 | Resistance measurement result | 12 | Selected test current "A" |
| 6 | Resistance resolution in Ω, mΩ, or µΩ | 13 | Next test current "A" |
| 7 | Test current in A | 14 | Previews measurement |

## 3.3 Instrument key buttons



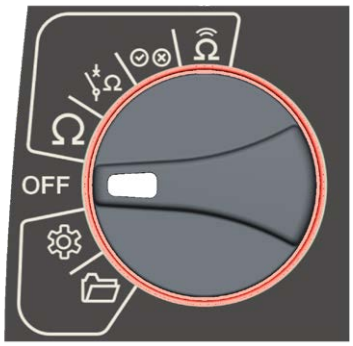

Use the button pad under the screen to navigate through the menu of the MOM3 to:

| Button | Description |
|---|---|
| 1 and 4 | Mode-specific; see screen for details |
| 2 | Decrease current |
| 3 | Increase current |
| 5 | Adjust display contrast (5 levels) |
| 6 | Adjust beep volume (3 levels). |

# 4. Functions

**NOTE :** After 10 minutes of inactivity, the product enters standby mode. Press the Stand-by Wake Up button to resume.

## 4.1 Test positions

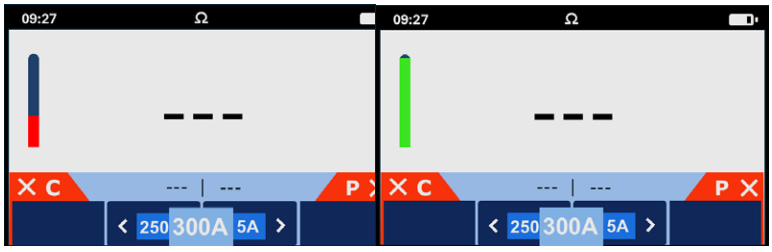
| Image | Item | Instrument panel |
|---|---|---|
| Ω | EGIL200 |  |
| ⊘⊗ | Pass / Fail Mode | |
| Ω | Circuit Breaker mode | |
| Ω | Resistance | |
| OFF | Ensure the instrument is in the OFF position when not in use. | |
| ⚙ | Settings | |
| 🗀 | Measurements | |



## 4.2 For all test functions

New MOM3 units or those after long storage require up to four (4) minutes initial charging.

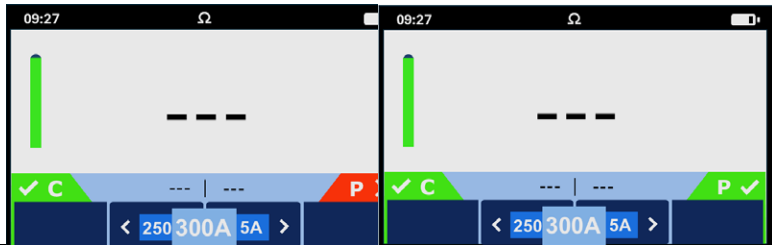
Watch the indicator bar, when it changes from red to green, the ultra-capacitors are ready to use.




Connect current and potential cables.

Once you have connected to the test object wait for "C" and "P" indicators to turn green, confirming proper continuity.

Testing can begin once all three indicators are green.




### 4.2.1 Low Temperature Charging

When the battery temperature drops below +5°C, the device automatically enters cold charging mode. In this mode, charging parameters are adjusted to accommodate the lower temperature environment. It showed in the screen with a *snowflake* under the capacitor bar.

**Super Capacitor Charging Time**

The time required to fully charge the supercapacitors varies depending on:

- Their initial charge level before device startup

- The operating current requirements

**NOTE :** For optimal performance in cold environments, allow the device to adjust to ambient temperature before operation, and provide sufficient time for the supercapacitors to charge completely before testing:

# 5. Operation

## 5.1 OFF mode


- The instrument should be in the OFF position when not in use.

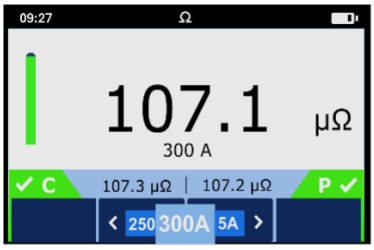
## 5.2 Ω mode


- Adjust the measurement current, limited to the MAX current generated in the equipment
- Perform a resistance test using the TEST button and visualize the result on the screen

### 5.2.1 Ω Measure

Select the test current (A) and press the "TEST" button. The resistance results will be displayed in µΩ, mΩ, or Ω.

If you continue testing, you will see the two most recent results in the blue banner.


## 5.3 Circuit Breaker mode


- Set up the number of circuit breakers for the measurement (Breaker number label)
- Set up the number of phases for the measurement (Phase label)
- Set up the number of Interruptors for the measurement (Interruptors label)
- Set the current for the testing.
- Sequentially perform the test starting with the first phase and the first breaker
- Move between phases and breakers to re-test a breaker
- Finalize the Circuit Breaker testing.

### 5.3.1 Circuit Breaker operation

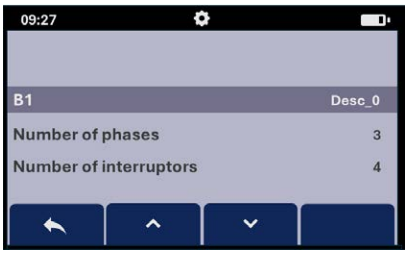
In settings ⚙ press ✓ in the Circuit Breaker setup.

Press ✓ to change the settings of the breaker (1 to 11). In the right image B.

Select the breaker and press ✓

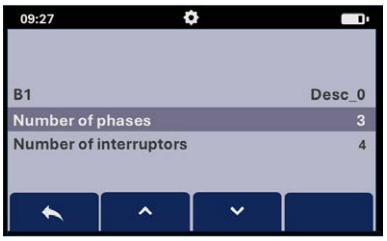

### 5.3.2 Naming a Circuit Breaker

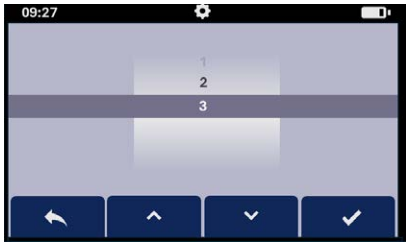
1. Press ✓ to open keyboard
2. Press for ABC letter input
3. Use ⬆ to toggle case (upper/ lower)
4. Hold ✓ for 3 seconds to save name





Press ✓ on the Number of phases to change (1 or 3)
Press ✓ on the Number of interruptors to change (1 to 4)



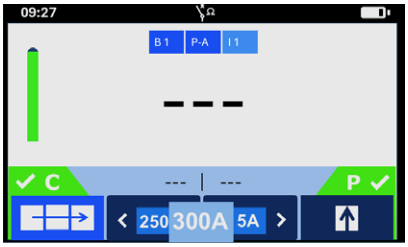



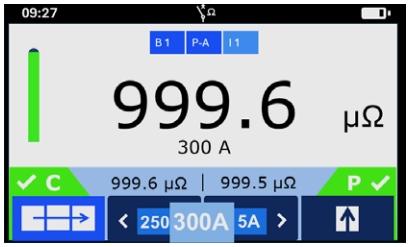

### 5.3.3 Back to the CB function:

Press the ⇄ to cycle through the following parameters:

- Circuit Breaker (1-11)
- Phase Selection (A, B, or C)
- Interrupter Number (1-4)

Press the ⬆ to increment the value of the currently selected parameter.



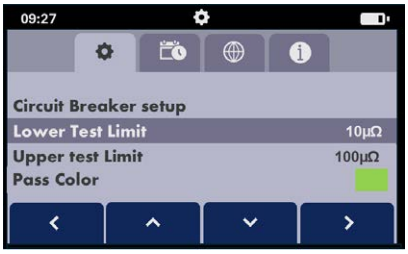

## 5.4 Measurement using Pass/Fail

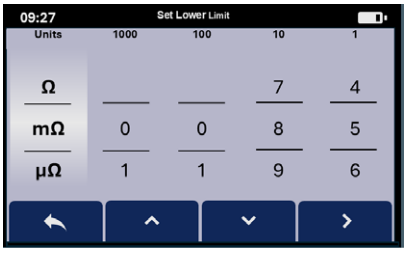

- Determine if the test passes or fails by giving resistance limits
- Define a low and high resistance limit
- Receive both visual and sound notifications indicating whether the test passes or fails
- Repeat testing until the capacity of the battery is not enough to generate the minimum current in the equipment

### 5.4.1 Pass/Fail operation

Rotate the dial to ⚙
In settings press ✓ in the Lower or Upper test limit to change the values.
Select the units and the values for every limit.

**NOTE :** The upper limit cannot surpass 3Ω and the lower limit can´t surpass upper limit.




Rotate dial to ✓⊗
Test Results Indication:
Green screen: Results within resistance limits - Test passed.

Red screen: Results outside resistance limits - Test failed.


## 5.5 EGIL200 Remote mode ( Launch Q4 2025)

- Visualize the connectivity between the MOM3 and the EGIL200 through a signal icon and connection established icon
- Import the setup for phase breakers already defined in the EGIL200 using the buttons in the MOM3

## 5.6 Settings

**Change preferences:**
- Key Press beep
- Results beep
- Background color
- Pass color
- Restore factory settings

**Wi-fi information:**
- See available devices
- Status of connection
- Saved devices

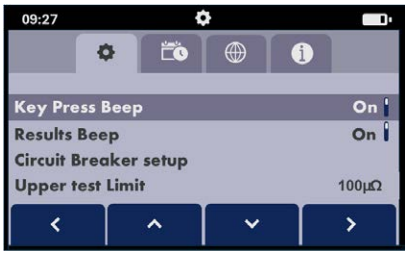
**Change information of:**
- Date
- Time
- Backlight timer
- Sleep timer

**Change language to:**
- English. French. German. Spanish.

**Visualize:**
- Product Serial Number
- Date of calibration
- Firmware version
- GUI Version

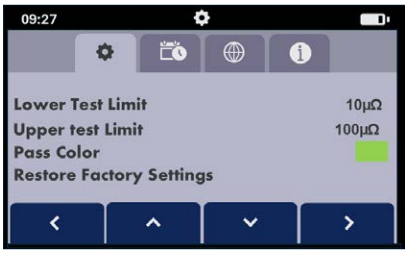
### 5.6.1 Settings

- Key Press Beep: On or Off
- Result Beep: On or Off
- Background colour: White
- Circuit Breaker Setup: (See Circuit breaker settings)




### 5.6.2 Pass and fail settings

- Lower Test Limit (see Pass and Fail Settings)
- Upper Test Limit (see Pass and Fail Settings)
- Pass colour: Blue or Green

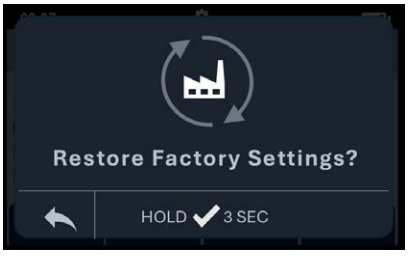



### 5.6.3 Factory reset settings

1. Select "Restore Factory Settings" and press ✓.

2. At confirmation screen, hold ✓ button in 3 seconds

**NOTE :**
This will erase all saved data and restore default settings



### 5.6.4 Date and time settings

Date Format:
MM-DD-YY or DD-MM-YY
Time format:
12h/24h, hh-mm or AM/PM
Backlight Timer:
Off, 20 or 60 seconds
Sleep Timer:
Off, 10 or 20 minutes


### 5.6.5 Language settings

Select between:
English. French. German. Spanish.


### 5.6.6 Instrument information

Firmware version
Hardware version
Serial Number


## 5.7 Measurements log


- This mode enables the user to get access to review measurements.

### 5.7.1 Data management

Select the test current (A) and press the “TEST” button. The resistance results will be displayed in µΩ, mΩ, or Ω.

If you continue testing, you will see the two most recent results in the blue banner.


Rotate the dial to for access to Test Data.
Each test type stores data in its own folder.
Select test and press to view results.
Press to return to results.



### PC Connection and File Access

When you connect your MOM3 to a PC using the provided USB cable, it will automatically be recognized as an external drive labeled "MOM3_DISK" without requiring any additional drivers or setup.

### File Structure

The MOM3_DISK drive contains two main folders:

- Results: Contains all test data collected by the device
- Settings: Contains configuration files for the device

### Test Results

All test results are stored in the Results folder as CSV files:

- Each test mode generates its own separate CSV file.
- Results are preserved in a standard format that can be opened with any spreadsheet application

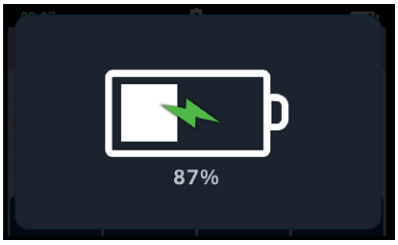
### Important Note

**Files and folders on the MOM3_DISK cannot be deleted directly from your PC. Any file management operations must be performed through the device's interface.**

## 5.8 Battery charging

When charging the MOM3 while the instrument is OFF, an animated battery will display across the screen to show charging is taking place.

Charge MOM3 to 100% if possible.



Once the battery is fully charged the screen will display a solid green battery.

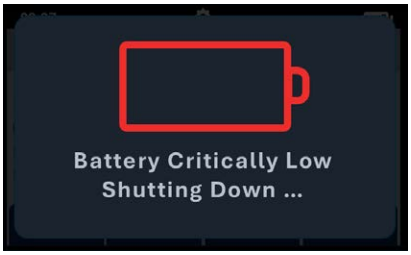
When charging the MOM3 while the instrument is ON, an animated battery will display in the top right corner of the screen.

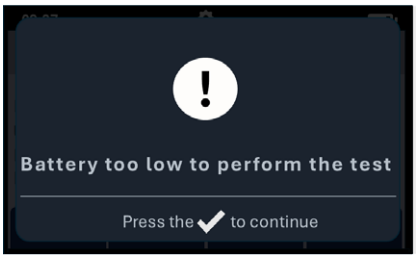


## 5.9 Battery error screens

**Battery Low**
The battery is too low to perform a test.

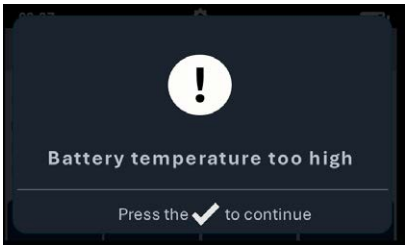
**Battery Critically Low**
The battery is too low to perform a Test and the MOM3 will shut down.




Battery

**Battery Temperature too high**
The MOM3 need to cool down before continue testing.



# 6. Maintenance

**NOTE :** There are no user replaceable parts within this product.

## 6.1 General maintenance

Test leads should be checked before use for damage and continuity.

Ensure the unit is kept clean and dry after use.

## 6.2 Cleaning

Disconnect from mains power / charger.

Wipe the instrument with a clean cloth dampened with either water or isopropyl alcohol (IPA).

# 7. Battery

**WARNING : Always set the instrument to Off and remove the test leads before the battery is removed or installed.**

**CAUTION : Old batteries must be disposed of in accordance with local regulations.**

**CAUTION : Only use approved batteries as defined below.**

## 7.1 Battery status

The battery condition icon is positioned at the top right-hand corner of the display. This icon is always displayed when the MOM3 is switched on. When running the icon indicates the state of charge, the icon will be filled in proportion to the state of charge.

When the battery is in a good state of charge the battery icon will be white and in a low state of charge the battery icon will flash.

When the battery is very low a large red battery icon will appear in the primary field with the message 'Battery low please charge to continue'. No tests will be able to be performed but changes to settings and data handling can be carried out.

### 7.1.1 Battery charging

When charging the Li-Ion rechargeable battery, only use the power supply provided by Megger. The Megger power supply is designed to preserve the functions and accuracy of the MOM3.

The MOM3 can be used while charging

## 7.2 Battery replacement and warranty

**ATTENTION : To maintain warranty compliance, replacement batteries must be supplied through authorized Megger service centers only. Using non-approved batteries will void the warranty and may compromise safety and performance.**

## 7.3 Preparing the instrument for shipping

When shipping the MOM3, follow these guidelines to comply with dangerous goods regulations:

Option 1 (Preferred): Remove the battery completely before shipping to avoid dangerous goods classification.

Option 2: Discharge the battery to approximately 30% state of charge (SOC) before shipping. The instrument must be packaged and labelled according to current IATA dangerous goods regulations.

**WARNING : Performing measurements whilst charging can be dangerous when using a third-party charger.**

## 7.4 Battery removal procedure

**WARNING : Remove all test leads before removing the battery cover.**

The battery is housed in the lower section of the MOM3, behind the battery lid. Looking at the back of the instrument.

1. Remove the test leads and ensure the MOM3 is switched off.
2. Slacken one captive cross-point screw which is centred at the top of the cover.
3. The battery cover will now lift away from the top.

**ATTENTION : Temperature Sensor Gap Pad**

The MOM3 uses a heat-conducting gap pad to monitor battery temperature. This pad is located between the temperature sensors on the printed circuit board and the battery.

**CAUTION : The gap pad is held in place by pressure only and may become loose during battery replacement. When changing the battery, ensure the pad remains properly positioned to maintain accurate temperature monitoring.**

4. Ease out of the lugs at the bottom of the cover.
5. The battery can now be lifted out of the compartment.

**WARNING : Do not use any tools whilst removing the battery. Tools may damage the battery or the instrument**

**CAUTION : Ensure the new battery is replaced in the correct polarity as indicated on the cell and battery compartment.**

6. Put back the battery cover in reverse order to above.
7. Re-secure with screw.

| Item | Description |
|---|---|
| 1 | Battery lid |
| 2 | Screw |
| 3 | Temperature Sensor Gap Pad |
| 4 | Li-Ion Cell |

# 8. Specifications

Specifications are valid at fully charged batteries and an ambient temperature of +25° C, ± 3 °C. Specifications are subject to change without notice.

## Environment

**Application field** For use in high-voltage substations and industrial environments.

**Temperature**
**Operation** -20 °C to + 50 °C (-4 °F to + 122 °F)
**Storage** -40 °C to + 70 °C (-40 °F to + 158 °F)
**Relative humidity %RH** 5 % - 95 %, non condensing
**Altitude** Operational to 3 000 m

## CE-marking

**RED** 2014/53/EU

## Classifications and standards

**Shock** IEC 60068-2-27
**Vibration** IEC 60068-2-6
**Transport** ISTA 2A
**Flammability class** V0

## General

**Battery capacity** One (1) cell Li-Ion 19.8 Wh
**Typical recharge time at 25 °C** 3 h

## Battery charger

**Input** 100 - 240 V AC, 50 / 60 Hz, 1.3 A
**Output** 5.0 V, 3.0 A 15 W
**Protection** Low / high temperature
**Charge operation**
**Temperature** 0 °C to + 45 °C (32 °F to + 113 °F)

**Audible feedback** Different buzzer sounds
**Encapsulation** IP54
**Dimensions**
**Instrument (excl. Binding posts)** L 230 x W108 x H 98.5 mm
L 9.0 x W 4.2 x H 3.8 in
**Carrying case** L 360 x W230 x 210 mm
L 14.1 x W 9.0 x H 8.2 in

**Weight** 1.15 kg (2.5 lbs) instrument only
4.3 kg (9.8 lbs) with accessories and carrying case

## Measurement section

**Minimum current guarantee** Selectable 5 A to 300 A
Valid at resistance ≤2 mΩ
**Pass / Fail** Settable from 0.1 µΩ to 3000 mΩ
**Number of measurements on fully charged batteries** typical. 2000 at 50A
typical. 1500 at 100A
typical. 500 at 300A

**Range** 0 - 3000 mΩ
**Range selection** Auto
**Resolution**

| Range | Resistance range with intervals | Full Range Display | Resolution | Recommended Test Current |
|---|---|---|---|---|
| 1 | 0.1 µΩ - 1 mΩ | 999.9 µΩ | 0.1 µΩ | 300 A |
| 2 | 1 mΩ - 10 mΩ | 9.999 mΩ | 1 µΩ | 300 A - 200 A |
| 3 | 10 mΩ - 100 mΩ | 99.99 mΩ | 10 µΩ | 200 A - 40 A |
| 4 | 100 mΩ - 1 Ω | 999.9 mΩ | 0.1 mΩ | 40 A - 5 A |
| 5 | 1 Ω - 3 Ω | 3000 mΩ | 1 mΩ | 5 A |

**Inaccuracy** ± 0.1% of reading ± 0.05% of range
**Typical inaccuracy** Only valid when the following conditions are met:
- Resistive load
- Ambient temperature 25 °C ± 3 °C.
- Maximum test current per the range being used.

**Test interval** 5 s

## Outputs + / –

**Range** Max 300 A DC (R < 2 mΩ)

**Output voltage** Max 5 VDC

## Inputs

**SENSE + / –**
**Connector** 4 mm banana jack
**Voltage** +5 VDC

## Logger

**Logger, Data label** Timestamp, Current, Resistance
**Labeling schemes** Circuit breaker oriented or running numbers
**Capacity** >2000 measurements in running numbers

## WIFI

**Frequency band** 2412 MHz to 2472 MHz
**RF power** Max 20 dBm

## Communication

**Wi-Fi** EGIL200*
**PC communication** USB-C

*Available Q4 2025

# 9. Accessories and Equipment

## 9.1 Included accessories

| Image | Item | Description | Probe | Clamp | Part No. |
|---|---|---|---|---|---|
|  | Test cables with Kelvin probes (current & sense) | 2 x 1.3 m (4 ft), (one with trig button), 16 $mm^2$<br>1.3 m (4 ft) Red, 16 $mm^2$ (with trig button)<br>1.3 m (4 ft) Red, 16 $mm^2$ (with trig button) | ✓ | | GA-90003<br>GA-00390<br>GA-00391 |
|  | Test cables with Kelvin clamps (current and sense) | 1.3 m (4 ft) Red, 3 m (10 ft) black, 16 $mm^2$<br>3 m (10 ft) Black, 16 $mm^2$<br>1.3 m (4 ft) Red, 16 $mm^2$<br>5 m (16 ft) Black, 25 $mm^2$ | | ✓ | GA-90004<br>GA-00392<br>GA-00390<br>GA-00394 |
|  | Ground cable | 5 m (16 ft), Green / yellow | ✓ | ✓ | GA-00200 |
|  | Battery charger | | ✓ | ✓ | HC-04290 |
|  | USB-C to USB-C | 2 m (6.6ft) | ✓ | ✓ | HG-00240 |
|  | Carrying strap | | ✓ | ✓ | 50-11012 |
|  | Soft carrying case | For MOM3, Charger and Cables | ✓ | ✓ | GD-90070 |

## 9.2 Optional accessories

| Image | Item | Description | Part No. |
|---|---|---|---|
|  | Sensing lead | 5 m (16 ft), Red 60 A clip | KG-00522 |
|  | Sensing lead | 5 m (16 ft), Black 60 A clip | KG-00520 |
|  | Switched probe | 1.5m red test probe with the switch in the handle test and black test probe. (Potential) | GA-90006 |

# 10. Calibration, repair and warranty

Megger operate fully traceable calibration and repair facilities to make sure your instrument continues to provide the high standard of performance and workmanship that is expected. These facilities are complemented by a worldwide network of approved repair and calibration companies, which offer excellent in-service care for your Megger products.

For service requirements for Megger instruments contact your local Megger representative.

## 10.1 Calibration and repair

For assistance please contact your local Megger representative.

- When sending the instrument, please use either the original crate or one of equivalent strength.

## 10.2 Warranty

Products supplied by Megger are warranted against defects in material and workmanship.

Our liability is specifically limited to replacing or repairing, at our option, defective equipment.

This warranty does not include batteries, lamps, or other expendable items, where the original manufacturer's warranty shall apply.

We make no other warranty. The warranty is void in the event of negligence abuse (failure to follow recommended operating procedures) or failure by the customer to perform specific maintenance as indicated in this manual.

For service requirements for Megger instruments contact your local Megger representative.

## 10.3 Returning equipment

Before returning equipment for calibration, warranty repair, or standard repair, please contact your local Megger representative for assistance. If a return is necessary, the equipment must be shipped prepaid and insured. Include all relevant information, such as a description of the issue or the requested service. Please also provide the serial number of the unit.

# 11. Decommissioning

## 11.1 WEEE Directive

The crossed out wheeled bin symbol placed on Megger products is a reminder not to dispose of the product at the end of its life with general waste. An end-of-life Megger product can be returned to Megger at any time at no charge for disposal.

Megger is registered in the UK as a Producer of Electrical and Electronic Equipment. The Registration No is WEE/ HE0146QT.

For further information about disposal of the product consult your local Megger company or distributor or visit your local Megger website.

## 11.2 Battery disposal

The crossed out wheeled bin symbol placed on a battery is a reminder not to dispose of batteries with general waste when they reach the end of their usable life.

For disposal of batteries in other parts of the EU contact your local Megger branch or distributor.

Megger is registered in the UK as a producer of batteries (registration No.: BPRN00142).

For further information see www.megger.com

# 12. Worldwide sales offices

| Sales Office | Telephone | Email |
|---|---|---|
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# 13. Note

| My measurements and notes | | | |
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## Local Sales office

www.megger.com

## Manufacturing sites


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**This instrument is manufactured in Sweden.**

**The company reserves the right to change the specification or design without prior notice.**

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**www.megger.com**


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