

14 Graduated plate

Assembly (RM9003, RM9004, RM9005)

CAUTION

To avoid equipment damage, turn off the RM2611 Electrode Resistance Meter before connecting or disconnecting the RM9005 Connection Cable.

IMPORTANT

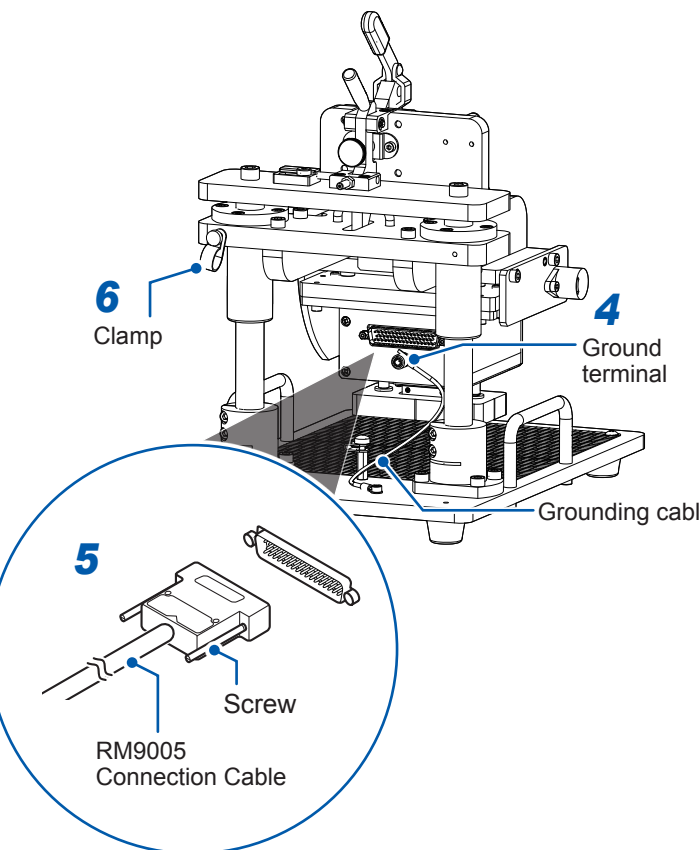
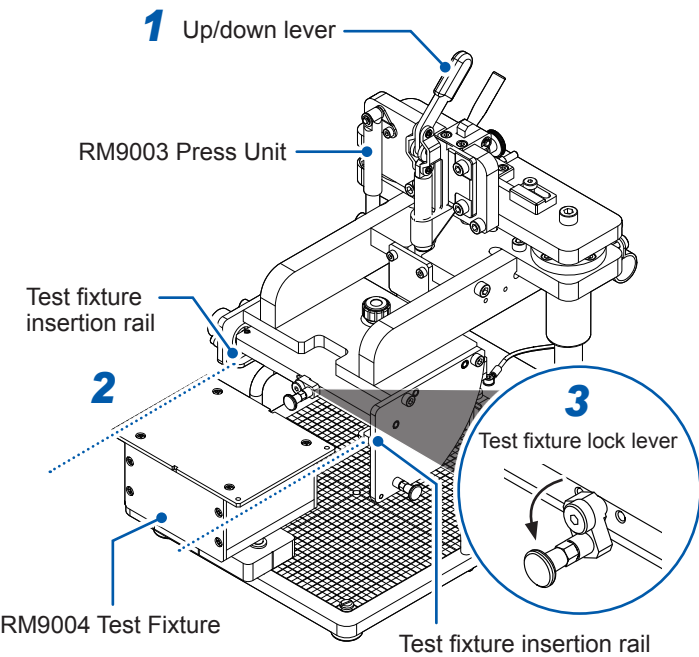
The device ships with the up/down lever locked with the lock release lever clamp knob. Loosen the knob before using the device for the first time.

- 1 Place the RM9003 Press Unit's up/down lever in the raised position.
- 2 Slide the RM9004 Test Fixture into position along the RM9003 Press Unit's test fixture insertion rails.
Push the test fixture toward the rear until it won't go any further.
- 3 Pull the test fixture lock lever toward you and downward and then let go to lock.
The RM9004 Test Fixture will lock in place.
- 4 Connect the grounding cable on the rear of the RM9003 Press Unit to the ground terminal on the RM9004 Test Fixture.
- 5 Connect the connector on the RM9004 (the female side) and connector on the RM2611 (the male side) using the RM9005 Connection Cable and screws that hold it in place.
- 6 Secure the RM9005 Connection Cable in place with the cable clamp.

There are screws for attaching the cable clamp on the left and right sides of the RM9003 Press Unit. Choose the appropriate side based on the position of the device.

IMPORTANT

- When connecting the RM9005 Connection Cable, insert the cable into the connector firmly and tighten it in place with screws. If the screws loosen, the resulting poor contact could cause a measurement error.
- Exercise care not to lose the test fixture case's mounting screws, which you will need in order to store the RM9004 Test Fixture during transport.

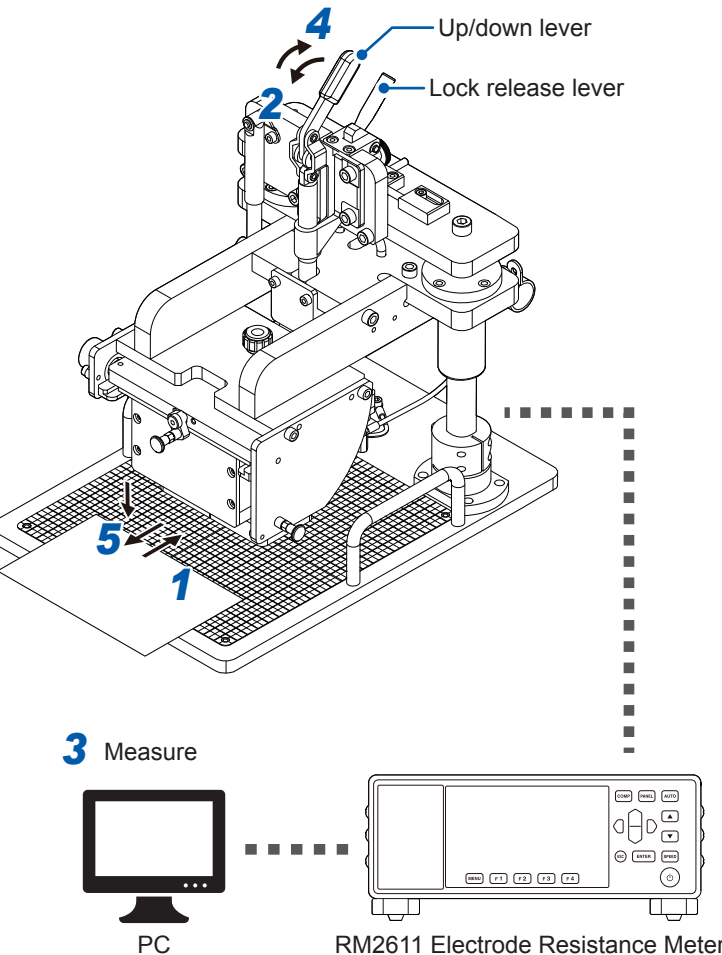


Basic Operation

IMPORTANT

- Exercise caution not to pinch your fingers or other body parts when lowering the RM9004 Test Fixture.
- Do not touch the tips of the probes when handling the electrode sheet.

- 1 Place an electrode sheet on the measurement stage.
The probes will make contact with the bold graduated marks.
- 2 Pull the up/down lever toward you and down while pulling the lock release lever toward you.
The RM9004 Test Fixture will move downward under its own weight.
- 3 Once the RM9004 Test Fixture is fully lowered, start measurement from the main screen of RM2612 Resistance Calculation Software.
See the RM2610 Electrode Resistance Measurement System Instruction Manual
- 4 Once measurement completes, raise the up/down lever.
- 5 Remove the electrode sheet from the measurement stage after verifying that the RM9004 Test Fixture is fully raised.



Precautions when transporting the device

Be sure to follow these precautions.

- To avoid damage to the device, remove the RM9004 Test Fixture and RM9005 Connection Cable from the device. Additionally, use the packaging in which the device was packed when you purchased it, and be sure to double-box it. Hioki cannot guarantee that the device will not be damaged during transport.
- Attach a description of the issue when sending out your device for repair.
- Raise the up/down lever and then tighten the lock release lever clamp knob to ensure that the press unit does not move up or down during transport.

