

HIOKI

9261 TEST FIXTURE Instruction Manual

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Introduction

Thank you for purchasing the HIOKI "9261 TEST FIXTURE." To obtain maximum performance from the product, please read this manual first, and keep it handy for future reference.

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Specifications

Measurement frequency range	DC to 5 MHz
Maximum apply voltage	±40 VDC
Residual resistance	
Short-circuited	5 mΩ max. (at 100 kHz)
Floating capacitance between terminals	0.4 pF max. (at 100 kHz)
Cable type	1.5C-2V or equivalent × 4
Cable length	Approx. 1 m
Mass	Approx. 650 g (22.9 oz.)
Operating temperature and humidity range	0 to 40°C (32 to 104°F), 80%RH or less (with no condensation)
Storage temperature and humidity range	-10°C to 55°C (14 to 131°F), 80%RH or less (with no condensation)
Operating environment	Indoors, altitude up to 2000 m (6562-ft.)

Please check a HIOKI catalog for instruments to which this product can be connected.

Overview

This HIOKI 9261 TEST FIXTURE can be connected to the measurement terminals (UNKNOWN) of the HIOKI LCR HiTESTERS and C HiTESTERS, and used for general parts testing.

Inspection and Maintenance

Initial Inspection

When you receive the product, inspect it carefully to ensure that no damage occurred during shipping. If damage is evident, or if it fails to operate according to the specifications, contact your dealer or HIOKI representative.

Preliminary Checks

Before using the product the first time, verify that it operates normally to ensure that no damage occurred during storage or shipping. If you find any damage, contact your dealer or Hioki representative.

Maintenance and Service

- To clean the product, wipe it gently with a soft cloth moistened with water or mild detergent. Never use solvents such as benzene, alcohol, acetone, ether, ketones, thinners or gasoline, as they can deform and discolor the case.
- If the product seems to be malfunctioning, contact your dealer or Hioki representative. When sending the product for repair, pack the product carefully so that it will not be damaged during shipment, and include a detailed written description of the problem. Hioki cannot be responsible for damage that occurs during shipment.

Safety

This manual contains information and warnings essential for safe operation of the product and for maintaining it in safe operating condition. Before using the product, be sure to carefully read the following safety notes.

WARNING

Mishandling this product during use could result in injury or death, as well as damage to the product. Be certain that you understand the instructions and precautions in the manual before use. We disclaim any responsibility for accidents or injuries not resulting directly from product defects.

Safety Symbol



In the manual, the \triangle symbol indicates particularly important information that the user should read before using the product.

The following symbols in this manual indicate the relative importance of cautions and warnings.



Indicates that incorrect operation presents a significant hazard that could result in serious injury or death to the user.



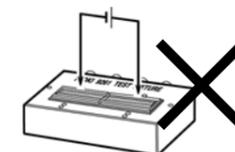
Indicates that incorrect operation presents a possibility of injury to the user or damage to the product.

Usage Notes

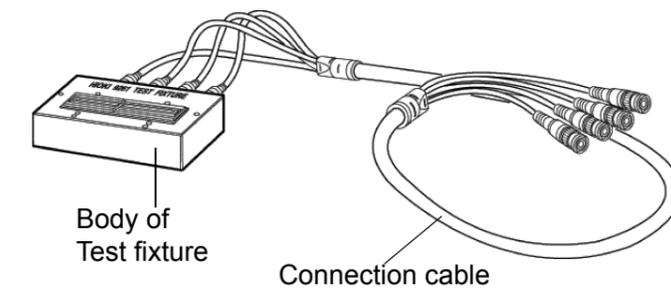
Follow these precautions to ensure safe operation and to obtain the full benefits of the various functions.

CAUTION

- Do not store or use the product where it could be exposed to direct sunlight, high temperature or humidity, or condensation. Under such conditions, the product may be damaged and insulation may deteriorate so that it no longer meets specifications.
- Do not use the product where it may be exposed to corrosive or combustible gases. The product may be damaged.
- To avoid damage to the product, protect it from vibration or shock during transport and handling, and be especially careful to avoid dropping.
- This product is not designed to be entirely water- or dust-proof. To avoid damage, do not use it in a wet or dusty environment.
- If the fixture has gotten seriously wet, oily, or dusty, stop using it and send it for service at an approved HIOKI service facility.
- Please refer to the instruction manual for the instrument to which this product is connected for how to use the instrument and apply direct current voltage.
- Do not apply a DC voltage directly to the 9261 TEST FIXTURE. Also, before connecting a capacitor, make sure it is discharged.



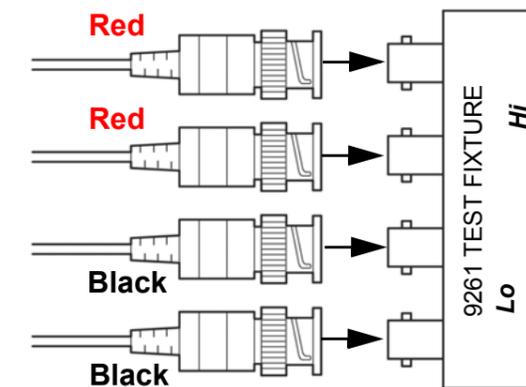
Name of Parts



Connection

Connecting the connection cable to the body of test fixture

Connect the red plugs to the two terminals on the "Hi" side, and the black plugs to the two terminals on the "Lo" side.



Connecting the connection cable to the LCR HiTESTER / C HiTESTER.

Connect the other end of the connection cable to the LCR Hi TESTER / C HiTESTER UNKNOWN terminals as shown at below.

