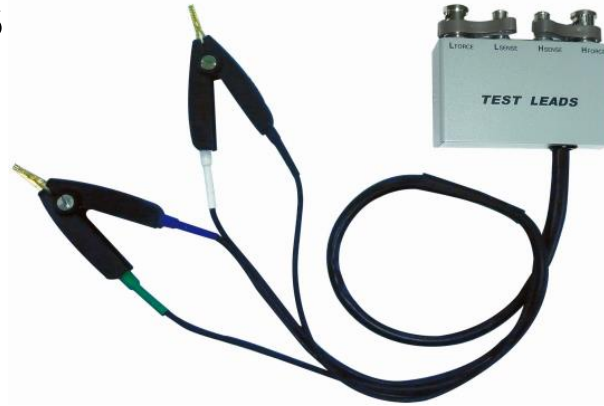


Test Fixture : LCR-06B

Standard Test Leads

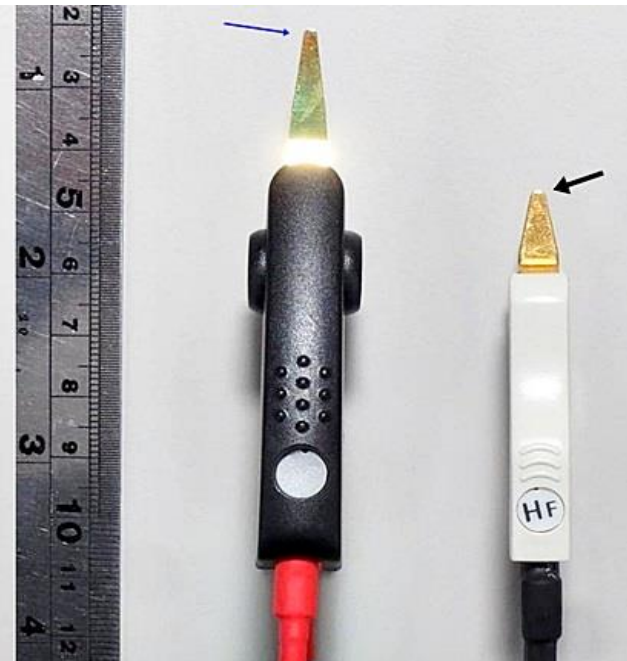


Description:

Kelvin clip test leads

Frequency: DC ~ 1MHz

Max. Voltage: +/- 45V



Test Fixture : LCR-05/LCR-07

LCR-05



Description:

Test fixture for measurement of both axial and vertical lead components

Frequency: DC ~ 1MHz

Max. Voltage: +/- 35V

LCR-07



Description:

Test leads for conventional component measurement. It is especially useful for high impedance measurement. (With alligator clips)
Two-wire measurement; apply to low C or high R

Frequency: DC ~ 1MHz

Max. Voltage: +/- 35V

Test Fixture : LCR-08/ LCR-15 (LCR-09 replacement)

LCR-08



Description:

SMD / chip tweezers

Frequency: DC ~ 1MHz

Max. Voltage: +/- 35V

LCR-15



Description:

SMD / chip test fixture

Frequency: DC ~ 10MHz

Max. Voltage: +/- 42V

SMD Size Range: 0201 to 1812 (in inch)

Test Fixture : LCR-12

LCR-12



Description:

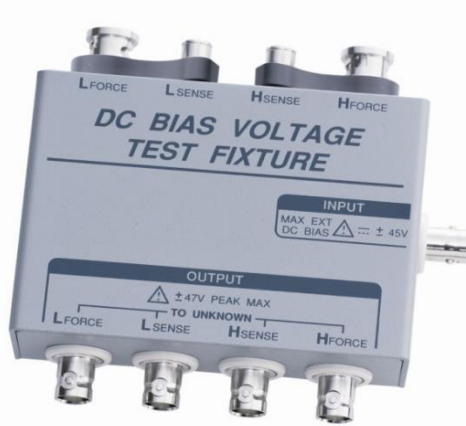
Kelvin clip test leads with GND line.

Frequency: DC ~ 10MHz

Max. Voltage: +/- 35V

Test Fixture : LCR-16/LCR-17

LCR-16



DC BIAS **VOLTAGE** TEST FIXTURE

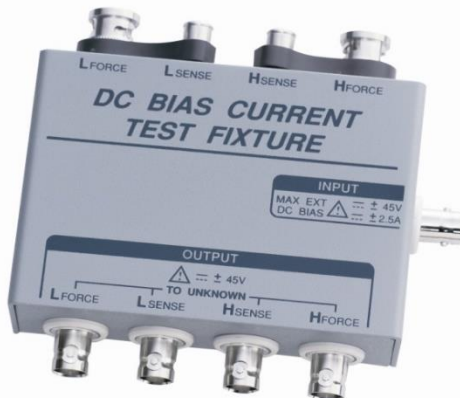
External DC Bias: DC $\pm 45V$

Limit Current: DC $\pm 20mA$

Measurement Frequency: 40Hz ~ 1MHz

Internal Capacitance: 1mF

LCR-17



DC BIAS **CURRENT** TEST FIXTURE

External DC Bias DC: DC $\pm 2.5A$

Limit Voltage: DC $\pm 45V$

Measurement Frequency: 40Hz ~ 1MHz

Internal Inductance: 330uH

DC Bias Voltage Box (LCR-8200 Series only)



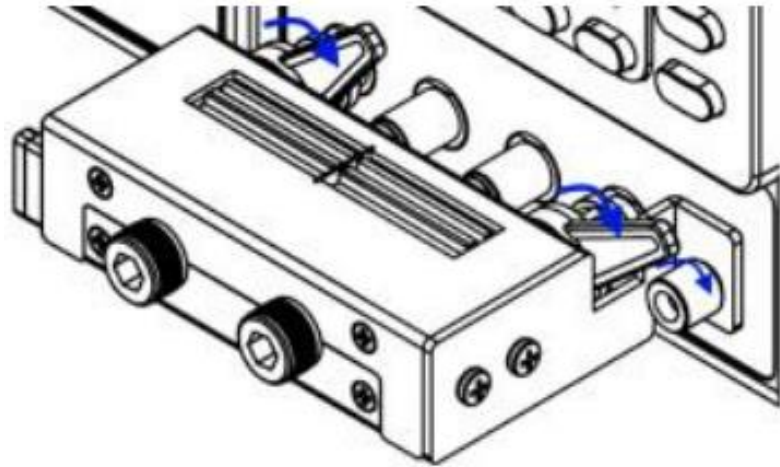
Four-terminal type test fixture in applications requiring dc biasing from an external dc voltage source.

For axial-lead and radial-lead components

Applicable to LCR-8200 series only

Specification	External DC Bias	Up to ± 200 V can be applied to the DC BIAS INPUT BNC
	Input Resistance	$100 \text{ k}\Omega \pm 2 \%$
	Frequency Range	50 Hz to 2 MHz
	Series Capacitor	$5.6 \mu\text{F}$ (560Ω at 50 Hz)
	Cable Length	Approximately 25 cm
	Dimensions	140 (W) \times 105 (H) \times 145 (D) mm
	Weight	1200 g
	Note	

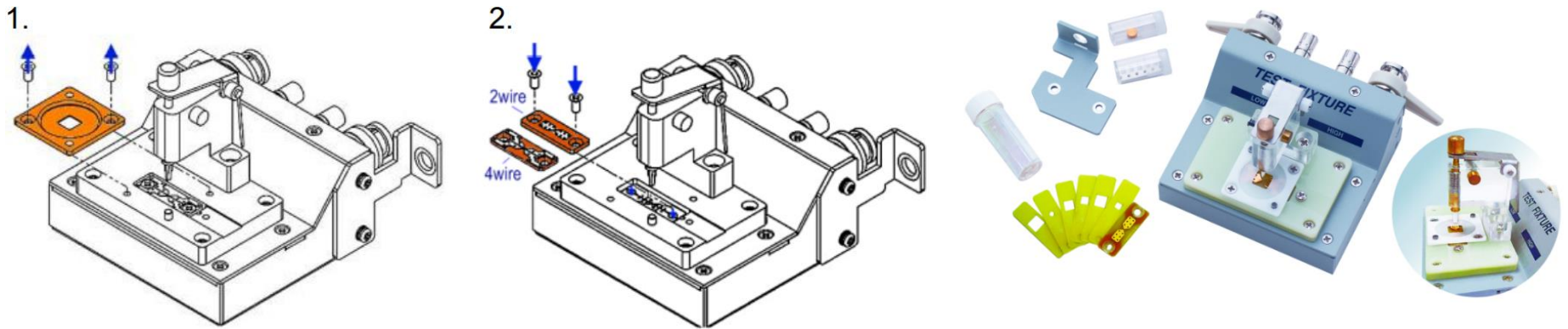
High Frequency Test Fixtures



LCR-05A Test Fixture for axial & radial leaded components.

Model	LCR-05A
DUT Connector	4-Terminal
Measurement Frequency	DC to 30MHz
Maximum Voltage	$\pm 45V$ Peak max. (AC+DC)
Application size	See figure below with electrode size
Dimensions:	98W x 25H x 65D mm
Weight	246g
Operating Environment	0~50 °C, <70%RH

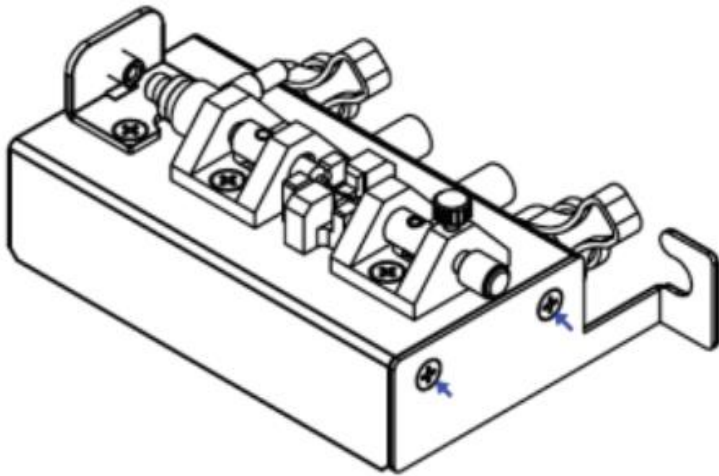
High Frequency Test Fixtures



The LCR-10A Test Fixture for bottom electrode components.

Model	LCR-10A
DUT Connector	2-Terminal, 4-Terminal
Measurement Frequency	DC to 30MHz
Maximum Voltage	±45V Peak max. (AC+DC)
Application size	0402 – 2512 ($\leq 8W \times 8D \times 7H$ mm)
Pressure of Pressure stick	600 – 1200 g
Dimensions	91W x 80H x 98D mm
Weight	237g
Operating Environment	0~50 °C, <70%RH

High Frequency Test Fixtures



LCR-15A Test Fixture for chip type components.

Model	LCR-15A
DUT Connector	2-Terminal
Measurement Frequency	DC to 30MHz
Maximum Voltage	$\pm 45V$ Peak max. (AC+DC)
Application size	0201 – 1812, <5mm
Dimensions:	105W x 47H x 69D mm
Weight	185g
Operating Environment	0~50°C, <70%RH

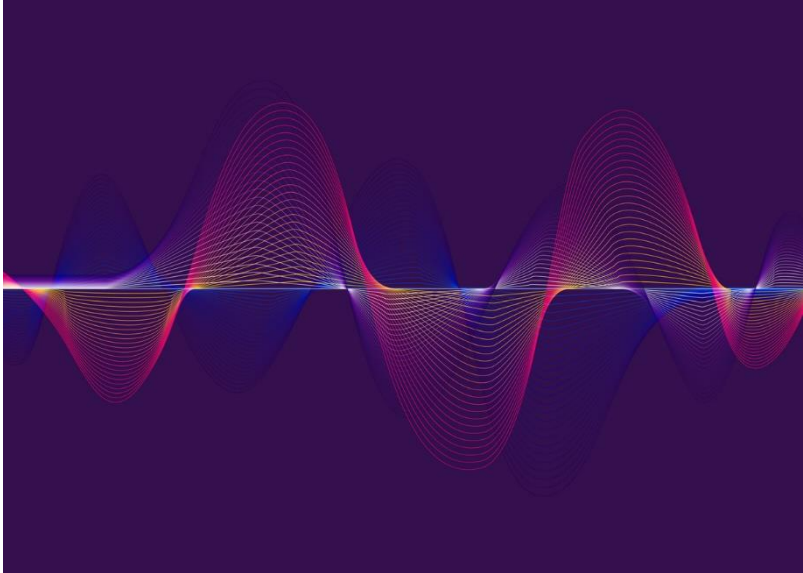
High Frequency Test Fixtures

Included Accessories

Safety Sheet x1, CD x1 (User manual), Power cord x1, LCR-06B x1

Option

LCR-DB1 DC Bias box (Freq. upto 2MHz / max. input voltage +/- 200V)



Optional Accessories

Accessory Model	Brief Description	LCR-8230	LCR-8220	LCR-8210	LCR-8205
LCR-05A	Test Fixture for axial & radial leaded components (up to 30MHz)	V	V	V	V
LCR-06B	Test Lead with Kelvin clip (4 wire type)	△	△	△	△
LCR-07	Test Lead with Alligator clip (2 wire type)	△	△	△	△
LCR-08	Test Fixture (Tweezers) for SMD/Chip components	△	△	△	△
LCR-10A	Test Fixture for Bottom Electrode components (up to 30MHz)	V	V	V	V
LCR-12	Test Lead with Kelvin clip (4 wire type)	△	△	V	V
LCR-15A	Test Fixture for SMD/Chip components (up to 30MHz)	V	V	V	V
GTL-234	RS-232C Cable	V	V	V	V
GTL-246	USB Cable	V	V	V	V
GTL-248	GPIB Cable	V	V	V	V

Note "△" means the accessories work with a frequency limitation

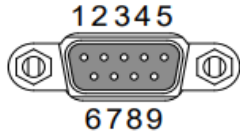
Recommended COM Cables

GTL-232: RS232-RS232



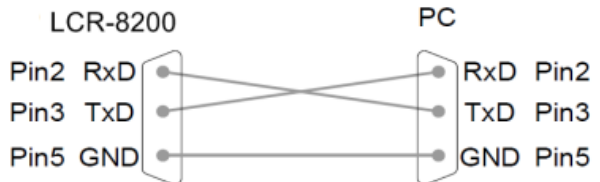
RS232 Pin Assignments

- Pin 2: RxD
- Pin 3: TxD
- Pin 5: GND
- Pin 1, 4, 6 - 9: No Connection



PC Connection

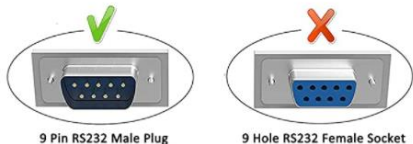
Use a Null Modem connection as shown in the diagram below.



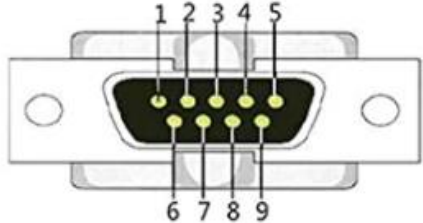
Dtech DT-5031: USB to RS232 Adapter



Before The Buying



9 Pin RS232 Male Plug 9 Hole RS232 Female Socket



Type	Pin-out	Abbr.	Data circuits	Function
DB9 Male Plug	1	DCD	I	Data Carrier Detect
	2	RXD	I	Received Data
	3	TXD	O	Transmitted Data
	4	DTR	O	Data Terminal Ready
	5	GND		Common Ground
	6	DSR	I	Data Set Ready
	7	RTS	O	Request To Send
	8	CTS	I	Clear To Send
	9	RI	I	Ring Indicator