ROHDE&SCHWARZ
Make ideas real

R&S®HM8118 LCR BRIDGE

Universal, flexible and easy to use

The perfect choice for

- Engineering lab
- Component validation
- Production testing
- General purpose

Key specifications	
Test frequencies	20 Hz to 200 kHz
Basic accuracy	0.05 %
Measurement functions	L, C, R, |Z|, X, |Y|, G, B, D, Q, φ, Δ, M, N
Internal bias voltage	0 V to +5 V
Internal bias current	0 mA to 200 mA
External bias voltage	0 V to +40 V

Key features

- ► Basic accuracy: 0.05 %
- ► Up to 12 measurements per second
- ► Parallel and serial mode
- ► Internal programmable voltage and current bias
- ► Kelvin cable and four-terminal SMD test adapter included
- ► R&S®HO118 binning interface (optional) for automatic sorting of components

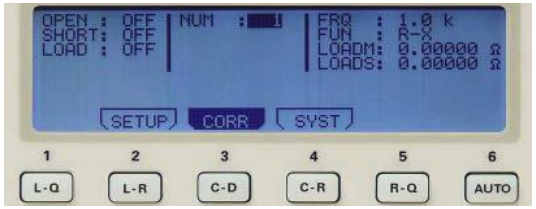
Your benefit	Features
Versatile functionality, all usually needed measurements included	The R&S®HM8118 provides the full range of measurements to characterize resistors, capacitors and inductors; results are displayed in absolute, relative or average values
Easy to use	Frequently used functions are directly accessible via front panel keys
Easy to interface for remote control	RS-232/USB interface; optional GPIB
Quiet on the bench	Fanless design

For more information:
www.rohde-schwarz.com/catalog/HM8118

Direct control

The most important parameters are adjustable with the push of a button.

Ease of use



Activation and deactivation of OPEN, SHORT and LOAD correction.

Ordering information	
Base unit	**Item**
200 kHz LCR bridge	R&S®HM8118
Options/accessories/system components	**Item**
Binning interface (service center installation only)	R&S®HO118
Four-terminal test fixture including shorting plate	R&S®HZ181
Four-terminal transformer test cable	R&S®HZ186
Interface IEEE-488 (GPIB)	R&S®HO880
19" rackmount kit, 2 HU	R&S®HZ42

Included accessories:
The R&S®HM8118 LCR bridge includes R&S®HZ184 four-terminal Kelvin test cable, R&S®HZ188 four-terminal SMD component test fixture, operating manual, power cable and three-year warranty.

The R&S®HO118 binning interface enables use with external hardware that sorts components by physical type after measurement. Data lines for eight sorting containers and control lines (ALARM, INDEX, EOM, TRIG).

R&S®HZ181 4-terminal test fixture including shorting plate.

R&S®HZ186 4-terminal transformer test cable.

Comfortable
Equivalent circuit and range selection, either manual or automatic

Trigger
Continuous, manual or external control via interface, binning interface or trigger input

Save/Recall
Store and retrieve up to 10 instrument settings

Complete
Internal voltage and current bias

Rohde & Schwarz Representative

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