

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

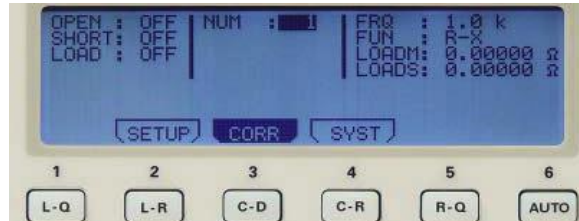
► For more information,
see www.rohde-schwarz.com/product/HM8118

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.



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

Ordering information

Base unit	
Description	Model
200 kHz LCR bridge	R&S®HM8118

Options/accessories/system components	
Description	Type
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.

R&S®HO118 binning interface



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.

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 PD 5214.9415.32 | Version 01.00 | July 2017 (ks)
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