

R&S® Cable Rider ZPH two-port model versus Anritsu Site Master S332E



The R&S® Cable Rider ZPH offers distinctly faster and more efficient ways to make measurements than the Anritsu Site Master S332E.

The R&S® Cable Rider ZPH capacitive touchscreen makes it a lot easier and faster to access menus and change settings. For example, double tapping on a point of interest instantly brings up a marker. And a single click on the “camera” button saves a screenshot directly to the defined location (media storage or on the device). The S332E requires clicking through a series of menus to perform the same tasks, which is more time-consuming.

Unique free downloadable Android and iOS apps are available for the R&S® Cable Rider ZPH to allow wireless* remote control of the analyzer. The remote control apps have the same look and feel as the analyzer itself. For engineers who are not qualified to climb the mast, this is an excellent solution that allows them to complete the measurement on the ground. The S332E only offers wired remote control.

Customer benefit	Supporting feature or specification
New user experience	capacitive touchscreen (supports smartphone-like gestures)
Fast and simple to operate	shortcut menu (saved screenshot button, configuration overview menu, wizard button)
Control it your way	free wired or wireless ¹⁾ remote control software or apps with R&S® InstrumentView software and R&S® MobileView Android/iOS apps

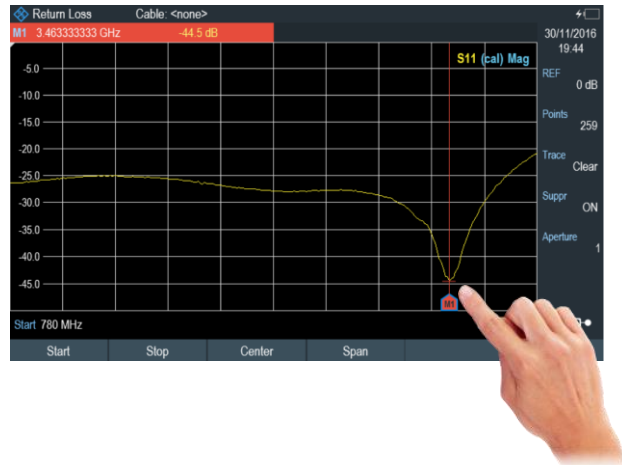
¹⁾ Third-party wireless router required

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

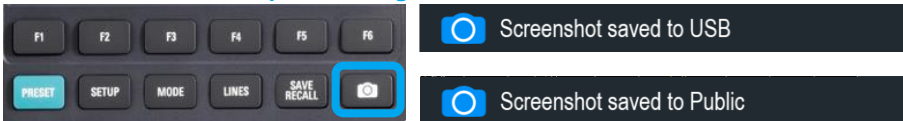
Parameter	R&S® Cable Rider ZPH two-port combi model .12	Anritsu Site Master S332E
Frequency range, VNA	2 MHz to 3/4 GHz	2 MHz to 4 GHz
Frequency range, SA	5 kHz to 3/4 GHz	9 kHz to 4 GHz
DANL (spectrum analyzer @ 1 GHz, normalized to 1 Hz, preamp = on)	-163 dBm (typ.)	-162 dBm (typ.)
Tracking generator	yes, CW & independent source	yes, CW generator (option)
Internal bias tee	yes	option
Data points	101 to 2,501	137, 275, 551, 1102, 2204
Warm-up time	< 1 min	5 min
Meas. speed	0.3 ms/data point	≤ 1.25 ms/data point
Test port damage level	+30 dBm, ±50 V DC	+30 dBm, ±45 V DC
Directivity (corrected)	f ≤ 3 GHz > 43 dB (nom.)	≥ 42 dB, OSL calibration
Immunity to interference	+17 dBm (nom.)	on-channel: +17 dBm on-frequency: 0 dBm
Display	7" touchscreen (capacitive)	8.4" touchscreen (resistive)
Backlight keyboard	yes	no
Battery operation time	≤ 9 h	3.5 h
Weight	2.5 kg	3.7 kg
Remote control	via USB, Ethernet (standard)	via USB, Ethernet (option)
Power meter	option	option
Automatic calibration unit	yes (with R&S® ZN-Z103 option)	yes, InstaCal module built in)
Wizard support	yes, using free software – R&S® InstrumentView	yes, easyTest tools
Price	EUR 8,900 (4 GHz)	USD 11,450

Fast and simple operation

R&S®Cable Rider ZPH: add markers by simply double tapping the signal



R&S®Cable Rider ZPH: press a single button to save



S332E: add markers by clicking through menus



S332E: no shortcut button to capture screenshots



Wireless remote control via apps

R&S®Cable Rider ZPH: wireless remote control via tablets/phone with Android/iOS apps



S332E : wired remote control via laptop with Line Sweep Tool software



Competitive summary

- Fast and easy to access menus and change settings
- Quick and efficient way to capture screenshots
- Wireless remote control via Android/iOS apps