

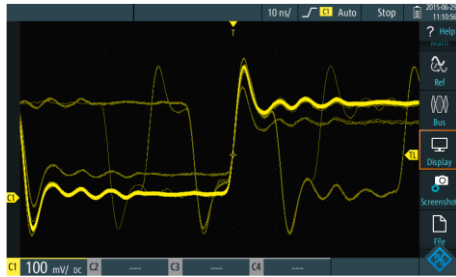


R&S®SCOPE RIDER RTH

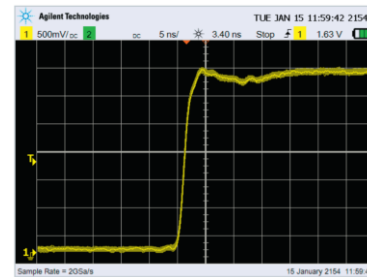
Versus Keysight U1600 series



R&S®Scope Rider detects signal faults which are not visible on the Keysight unit: Signal with 50 errors/s recorded with persistence for 30 s



7" capacitive touch, 800 x 480 pixel

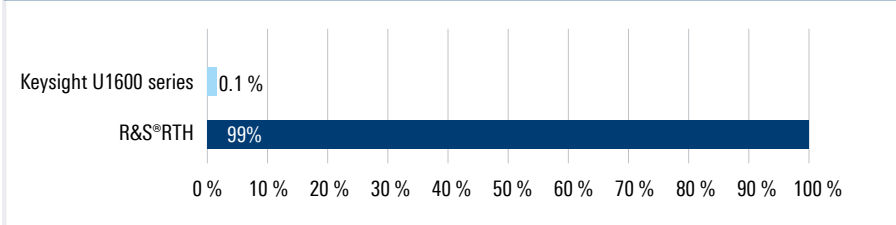


5.7", 640 x 480 pixel

Faster: Discover infrequent signal faults

The high update rate of the R&S®Scope Rider considerably shortens the time to find rare unknown glitches, runts and other signal faults thus shortening the debugging time. Subsequently dedicated advanced triggers enabled by the digital trigger system, Allow to pinpoint and thus solve identified problems.

Probability of detecting a signal fault in 30s at an error rate of 50/s



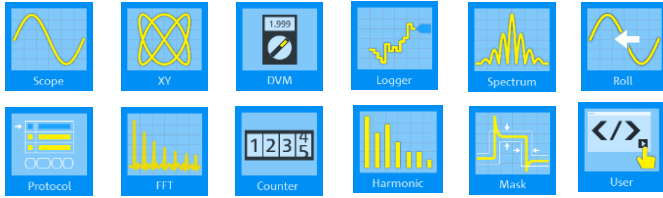
For price and more information:
www.rohde-schwarz.com/product/RTH

Parameter	R&S®Scope Rider RTH	Keysight U1600 series
Analog bandwidth (-3 dB)	60 MHz, 100 MHz, 200 MHz, 350 MHz, 500 MHz	100 MHz, 200 MHz
Input channels	2 channels + multimeter, 4 channels	2 channels + multimeter
Sampling rate (Max.)	5 Gsample/s	2 Gsample/s
ADC resolution	10 bit	8 bit
Input sensitivity	2 mV/div to 100 V/div	2 mV/div to 50 V/div
Memory (Max.)	500 ksamples, datalogger : 2 Msamples history : 12.5 Msamples	120 ksamples (at 100 MHz) 2 Msamples (at 200 MHz)
Data logger	23 days	8 days
History	Up to 5000 waveforms with full analysis possibilities	Not available
Timebase range	1 ns/div to 500 s/div	2 ns/div to 50 s/div (at 200 MHz)
Acquisition rate	50,000 waveforms/s	~20 waveforms/s
Trigger types	digital trigger system, edge, glitch, width, runt, slew rate, timeout, interval, window, pattern, state, data2clk, serial pattern, video (PAL, NTSC, SECAM, PAL-M, SDTV, HDTV)	analog trigger system, edge, glitch, width, Nth edge, CAN, LIN , video (NTSC, SECAM, PAL, PAL-M, HDTV)
Display	7" capacitive touch, 800 x 480 pixel	5.7", 640 x 480 pixel
Connectivity	2 USB (1 host, 1 device), LAN, WLAN ¹⁾ , microSD, external trigger I/O, logic probe	2 USB (1 switchable host/device)
Remote concept	universal web access	proprietary Windows software
Extensibility	trigger and decode, digital channels, wireless remote interface	-
Operating time on battery	> 4 h	3 h
Measurement category	CAT IV 600 V, CAT III 1000 V	CAT III 600 V, CAT II 1000V

¹⁾ WLAN is available with regional limitations

More instruments in one handheld package

R&S®Scope Rider



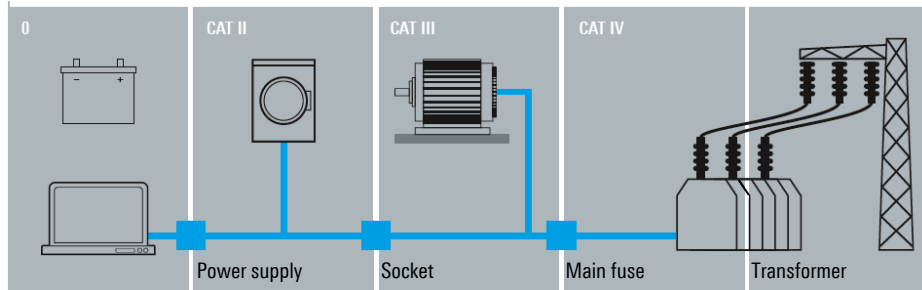
Keysight U1600 series



Maximum safety in all environments

R&S®Scope Rider RTH CAT IV 600 V / CAT III 1000 V

Keysight U1600 series CAT III 600 V / CAT II 1000 V



The probe design determines the area of application and the maximum rated voltage against protective ground

Faster: Discover infrequent signal faults

Troubleshooting in industrial environments means measuring in all kinds of electrical environments. Debugging communications links at a modern production site can require analyzing low-voltage digital signals, as well as verifying power quality of a 380 V supply, or testing the power efficiency of electrical drives. The R&S®Scope Rider CAT IV 600 V rating provides this level of flexibility in a single device.



An integrated wireless LAN module and web server allows easy remote control of the R&S®Scope Rider RTH. The waveform display and user interface of the R&S®Scope Rider RTH are directly available in the web browser; all settings can be changed on the screen.

With no software installation required, the R&S®Scope Rider RTH can be controlled from almost every portable device such as a laptop, a tablet or even a mobile phone.

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