ROHDE&SCHWARZ
Make ideas real

R&S®RTC1000 OSCILLOSCOPES
Great value

The perfect choice for

Education	R&D troubleshooting
Electronic hobbyists	Production tests and repair

Key specifications

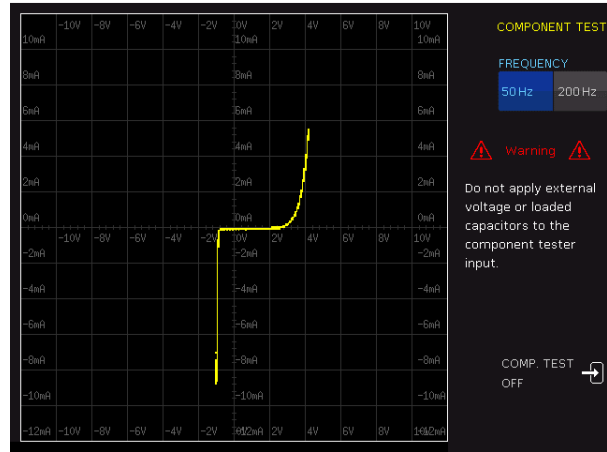| Key specifications	
Bandwidth	50 MHz, 70 MHz, 100 MHz, 200 MHz, 300 MHz
Channels	2 analog channels + 8 digital channels (with MSO option)
Max. sample rate	2 Gsample/s (interleaved)
Memory	2 Msample
Display	6.5", optimized for fast button operation, 640 × 480 pixel resolution
Boot time	7 seconds
Max. update rate	10,000 waveforms per second
Connectivity	LAN, USB host and device ports
upgradeable	Bandwidth, protocol trigger and decode, MSO, pattern generator and arbitrary waveform generator
Warranty	Standard 3-year

Get your results quicker
What sets these scopes apart from all others in their class?
New, advanced technology.

► Low-noise frontend for best results
► X-in-one instrument that offers the functionality of an oscilloscope, logic analyzer, protocol analyzer, frequency analyzer, pattern generator, function generator, digital voltmeter and component tester
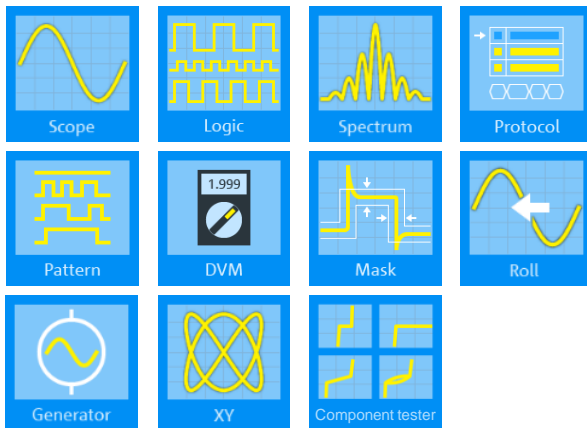
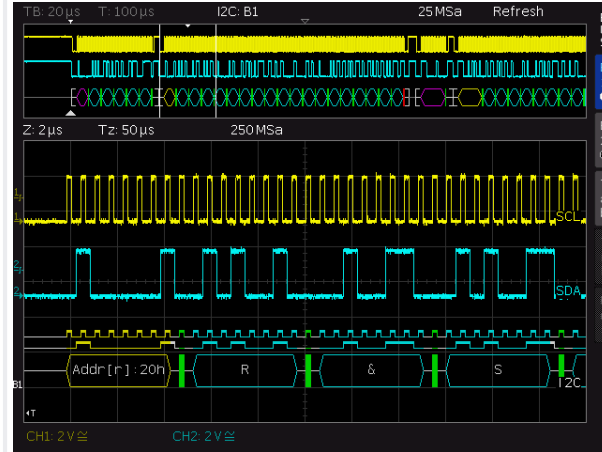| Your benefit	Features
Get your results quicker	Fast boot and auto measurement for concise and comprehensive results
Investment protection	Expands according to your needs with software licenses
Compactness saves desk space	Highest integration of instruments in a small form factor

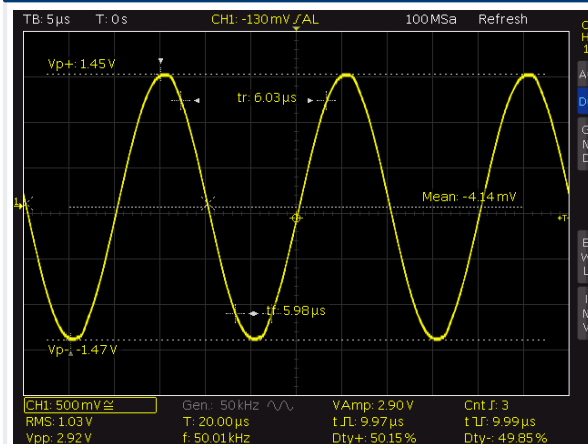## Quickly asses your components with the integrated tester

X-in-1 oscilloscope

Scope | Logic | Spectrum | Protocol

Pattern | DVM | Mask | Roll

Generator | XY | Component tester

Gain insight into your circuitry's digital communications

QuickView: automatic measurement and graphical display at the push of a button

Ordering information

Step 1: choose your oscilloscope model [1]

Two-channel model: R&S®RTC1002	R&S®RTC1002

[1] All models include the R&S®RT-ZP03 single-ended passive probe for each channel, power cord and 3-year warranty.

Step 2: choose your bandwidth option

50 MHz bandwidth	Standard
70 MHz bandwidth	R&S®RTC-B220
100 MHz bandwidth	R&S®RTC-B221
200 MHz bandwidth	R&S®RTC-B222
300 MHz bandwidth	R&S®RTC-B223

Step 3: choose your options and accessories

Software options

Triggering and decoding	R&S®RTC-K1 I²C/SPI R&S®RTC-K2 UART/RS-232/422/485 R&S®RTC-K3 CAN/LIN
Application bundle	R&S®RTC-PK1 (-K1, -K2, -K3, -K15, -B6)

Hardware options

R&S®RTC-B1 mixed signal upgrade for non-MSO models, 250 MHz
R&S®RTC-B6 arbitrary waveform generator

Accessories

R&S®RTC-Z1 plastic front cover
R&S®RTC-Z3 soft carrying bag
R&S®ZZA-RTC1K rackmount kit

Rohde & Schwarz representative