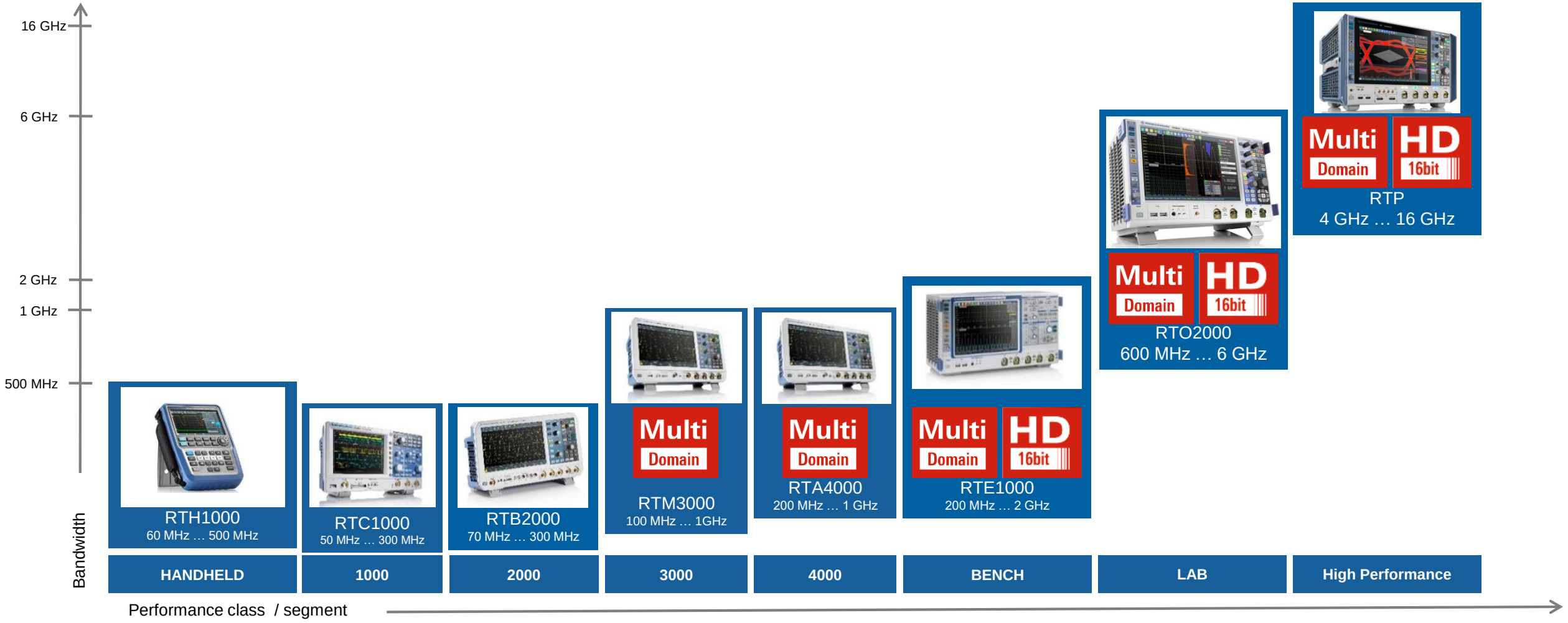
# OSCILLOSCOPES & PROBES FROM ROHDE & SCHWARZ


ROHDE&SCHWARZ

Make ideas real

# R&S OSCILLOSCOPE PORTFOLIO
## MOST MODERN SCOPE LINE FROM 50 MHZ TO 16 GHZ

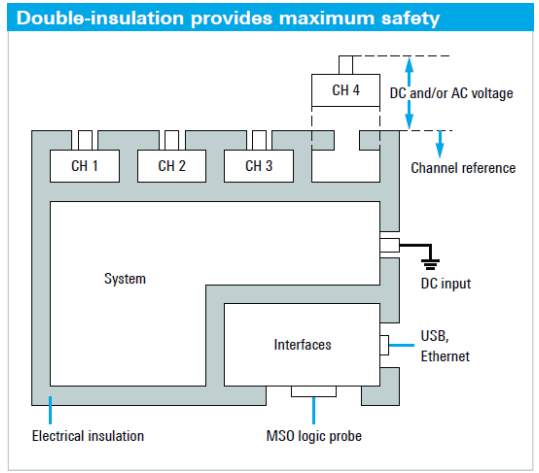


# R&S®RTH1000 SCOPERIDER
# 2 MINUTES TO BE SURE

- Unique Features
  - Deep memory, fastest update rate, 10-bit ADC and best trigger system give lab performance in the handheld form factor
  - Isolated inputs with up to CAT IV rating, IP51 housing, integrated WiFi* / Ethernet
  - 8 in 1: Integrated scope, multimeter, protocol analyzer*, MSO*, data logger, counter*, Spectrum Analyzer* and harmonics Analyzer*

**RTH1000 Key Specifications**

| Model | Band-width | Sampling Rate | Number of Channels | | Max. Update Rate | Max. Bits of Reso-lution | Max Memory (per ch / 1 ch active) |
|---|---|---|---|---|---|---|---|
| | | | Analog | Digital* | | | |
| **RTH1054/52** | **500 MHz** | **RTH1004:** **1.25 GSa/s** per channel **2.5 GSa/s** (2 ch. Interlea.) **RTH1002:** **2.5 GSa/s** per channel **5 GSa/s** (2 ch. Interlea.) | **2 / 4** | **8** | **50 000 wfms/s** | **9** | **125 kSa / 500 kSa,** |
| **RTH1034/32** | **350 MHz** | | | | | | |
| **RTH1024/22** | **200 MHz** | | | | | | |
| **RTH1014/12** | **100 MHz** | | | | | | |
| **RTH1004/02** | **60 MHz** | | | | | | |



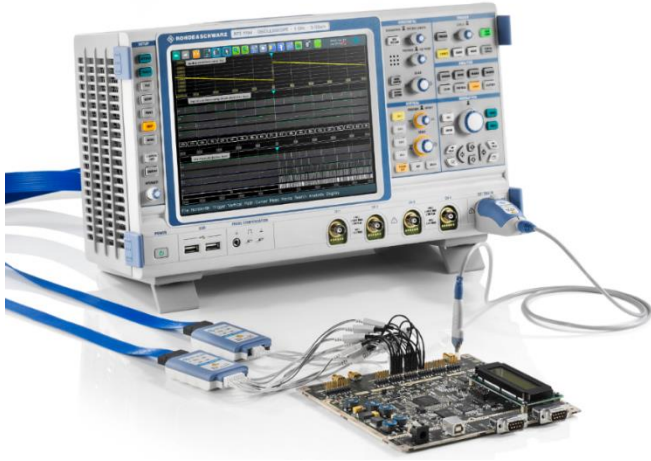

* Option required

# R&S®RTE1000
# EASY. POWERFUL

HD 16bit

Multi Domain

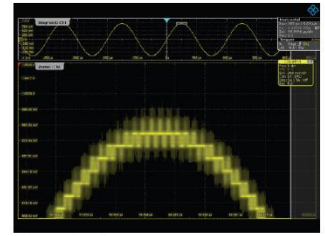
- Unique Features
  - Best scope update rate, memory depth, digital triggering
  - Fully upgradable (Bandwidth, MSO, Analysis)
  - HW based Spectrum Analysis with DDC
  - Class leading low noise with up to 16-bits of resolution



**RTE1000 Key Specifications**

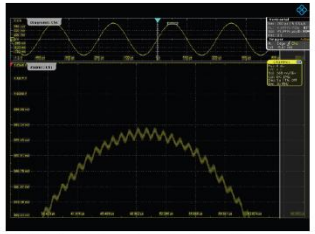
| Model | Band-width | Sampling Rate | Number of Channels | | Max. Update Rate | Max. Bits of Reso-lution* | Max Memory (per ch / 1 ch active) |
|---|---|---|---|---|---|---|---|
| | | | Analog | Digital* | | | |
| **RTE1204/02** | **2 GHz** | **5 GSa/s** per channel | **2 / 4** | **16** | **> 1 Mio wfms/s** | **16 in HD Mode** | Standard: **50 MSa / 200 MSa** |
| **RTE1154/52** | **1,5 GHz** | | | | | | |
| **RTE1104/02** | **1 GHz** | | | | | | |
| **RTE1054/52** | **500 MHz** | | | | | | |
| **RTE1034/32** | **350 MHz** | | | | | | |
| **RTE1024/22** | **200 MHz** | | | | | | |

HD Mode Off



Quantization steps clearly visible.

HD Mode On



"Hidden" low level signal becomes visible. Signal characteristics can be measured.

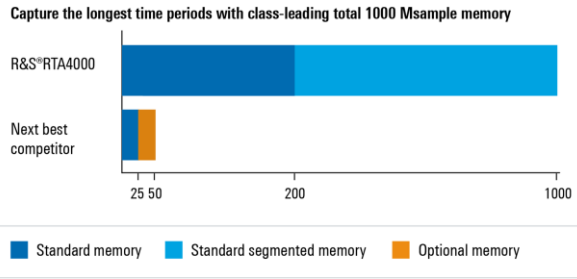
* Option required

# R&S®RTA4000
# POWER OF TEN

Multi Domain

- Unique Features
  - Best signal integrity in class with 10-bit ADC, 500µV/Div, lowest noise and ultra stable timebase
  - Capture long acquisitions at high sample rates with standard 100 MSample Memory (up to 1000MSa with History/Segmented)
  - Fast spectrum analysis *

8 to 20 times more memory depth compared to traditional oscilloscopes in the same instrument class




**RTA4000 Key Specifications**

| Model | Band-width | Sampling Rate | Number of Channels | | Max. Update Rate | Max. Bits of Reso-lution | Max Memory (per ch / 1 ch active) |
|---|---|---|---|---|---|---|---|
| | | | Analog | Digital* | | | |
| **RTA4004** | **1 GHz** | **2.5 GSa/s** per channel<br>**5 GSa/s** (2 ch. Interlea.) | **4** | **16** | **> 64.000 wfms/s** | **16 with HiRes decimation** | **100 MSa / 200 MSa** |
| **RTA4004** | **500 MHz** | | | | | | |
| **RTA4004** | **350 MHz** | | | | | | |
| **RTA4004** | **200 MHz** | | | | | | |

* Option required

# R&S®RTM3000
# POWER OF TEN

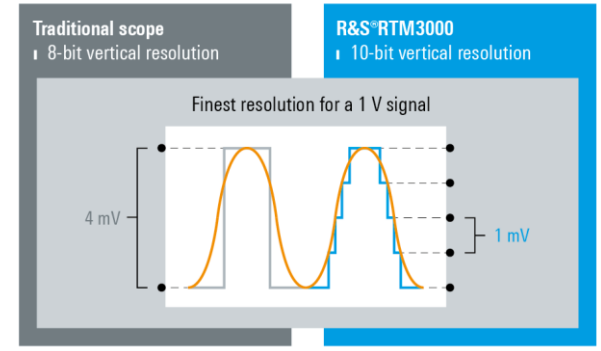
Multi Domain

- Unique Features
  - See sharper waveforms with the class-first 10-bit ADC
  - Easily see the waveform and control the scope with a standard class-first 10” Capacitive Touch Display
  - Capture long acquisitions at high sample rates with standard 40 MSample Memory (up to 400MSa with History/Segmented*)
  - Fast spectrum analysis *

**RTM3000 Key Specifications**

| Model | Band-width | Sampling Rate | Number of Channels | | Max. Update Rate | Max. Bits of Reso-lution | Max Memory (per ch / 1 ch active) |
|---|---|---|---|---|---|---|---|
| | | | Analog | Digital* | | | |
| **RTM3004/02** | **1 GHz** | **2.5 GSa/s** per channel<br>**5 GSa/s** (2 ch. Interlea.) | **2 / 4** | **16** | **> 64.000 wfms/s** | **16 with HiRes decimati no** | **40 MSa / 80 MSa** |
| **RTM3004/02** | **500 MHz** | | | | | | |
| **RTM3004/02** | **350 MHz** | | | | | | |
| **RTM3004/02** | **200 MHz** | | | | | | |
| **RTM3004/02** | **100 MHz** | | | | | | |

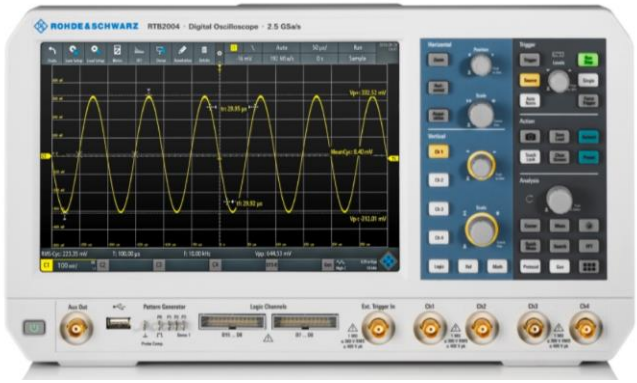
**10-bit A/D converter: uncovers even small signal details**

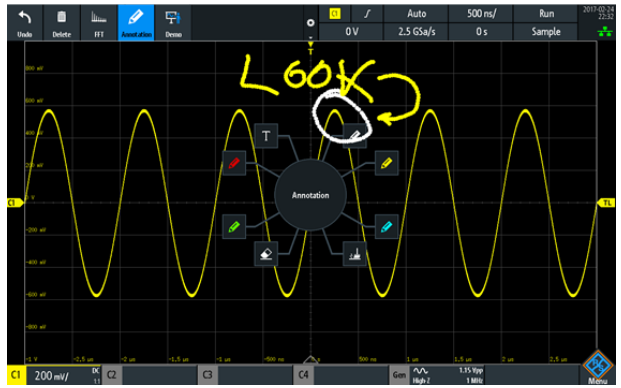



* Option required

# R&S®RTB2000
# POWER OF TEN

- Unique Features
  - See sharper waveforms with the class-first 10-bit ADC
  - Easily see the waveform and control the scope with a standard class-first 10” Capacitive Touch Display
  - Capture long acquisitions at high sample rates with standard 10 MSample Memory (up to 160MSa with History/Segmented*)





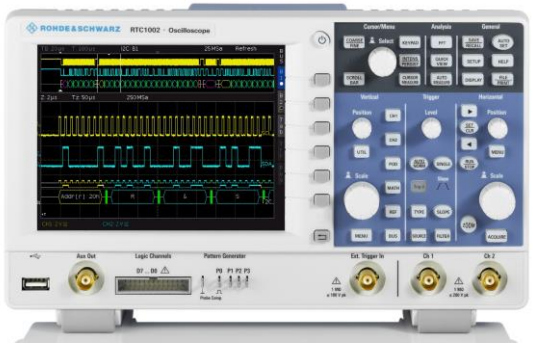
Documentation made easy with on screen annotation

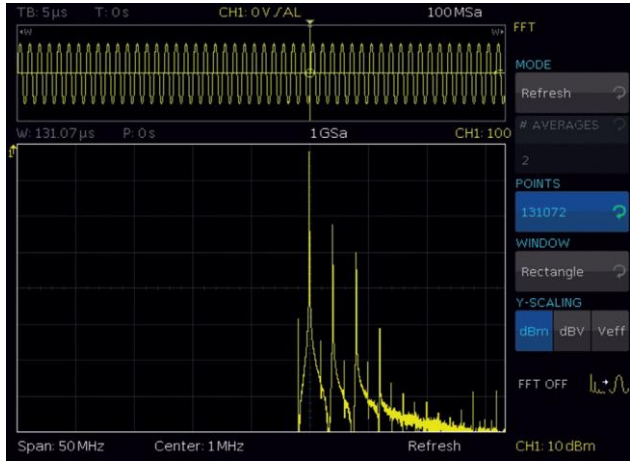
| RTB2000 Key Specifications | | | | | | | |
|---|---|---|---|---|---|---|---|
| Model | Band-width | Sampling Rate | Number of Channels | | Max. Update Rate | Max. Bits of Reso-lution | Max Memory (per ch / 1 ch active) |
| | | | Analog | Digital* | | | |
| RTB2004/02 | 300 MHz | **1.25 GSa/s** per channel<br>**2.5 GSa/s** (2 ch. Interlea.) | 2 / 4 | 16 | 50 000 wfms/s | 16 with HiRes decimati no | 10 MSa / 20 MSa |
| RTB2004/02 | 200 MHz | | | | | | |
| RTB2004/02 | 100 MHz | | | | | | |
| RTB2004/02 | 70 MHz | | | | | | |

* Option required

# R&S®RTC1000
# GREAT VALUE

- Unique Features
  - Deep memory standard
  - Low Noise w/ up to 16-bits of resolution
  - 8-in-1 Integration (Standard pattern generator, FG, component tester, DVM, 6-digit counter, MSO and protocol analysis*)





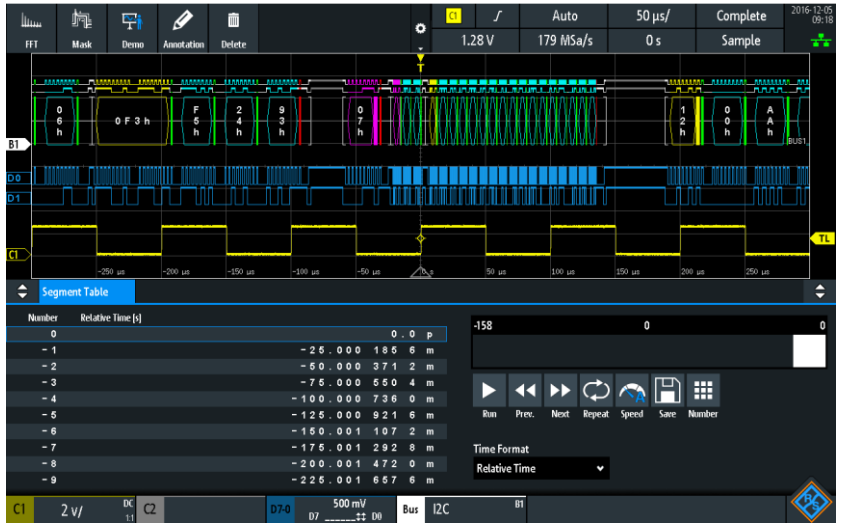

**RTC1000 Key Specifications**

| Model | Band-width | Sampling Rate | Number of Channels | | Max. Update Rate | Max. Bits of Reso-lution | Max Memory (per ch / 1 ch active) |
|---|---|---|---|---|---|---|---|
| | | | Analog | Digital* | | | |
| RTC1002 | 300MHz | 1 GSa/s per channel 2 GSa/s (2 ch. Interlea.) | 2 | 8 | 10 000 wfms/s | 16 with HiRes decimati no | 1 MSa / 2 MSa |
| RTC1002 | 200MHz | | | | | | |
| RTC1002 | 100MHz | | | | | | |
| RTC1002 | 70MHz | | | | | | |
| RTC1002 | 50MHz | | | | | | |

* Option required

# R&S OSCILLOSCOPE OPTIONS OVERVIEW
# HISTORY AND SEGMENTED MEMORY

- History Mode
  - Access to previous waveform acquisitions in the acquisition memory
- Ultra-Segmentation Mode in RTE & RTA4000
- Acquisition of data with long idle times (e.g. packetized serial communication or pulse signals)




| | RTE1000 | RTA4000 | RTM3000 | RTB2000 | RTH1000 |
|---|---|---|---|---|---|
| History and segmented memory | Standard | Standard | R&S®RTM-K15 | R&S®RTB-K15 | R&S®RTH-K15 |
| Maximum segments | 99,999 | 87,380 | 34,952 | 13,107 | 5,000 |
| Minimum segment size | 1 kSa | 5 kSa | 5 kSa | 10 kSa | 2.5 kSa |
| Maximum segment size | 200 MSa | 200 MSa | 200 MSa | 20 MSa | 500 kSa |
| Maximum acquisition rate in segmented mode | > 1,600,000 wfms/s | 700,000 wfms/s | 700,000 wfms/s | 50,000 wfms/s | 50,000 wfms/s |
| Maximum memory in segmented mode | 200 MSa | 1000 MSa | 400 MSa | 160 MSa | 50 MSa |
| Blind time in segmented mode | < 400 ns | < 1,5 µs | < 1,5 µs | < 3 µs | |

# R&S OSCILLOSCOPE OPTIONS OVERVIEW
# HARDWARE OPTIONS AND EXTENDED ANALYSIS






| | RTE1000 | RTA4000 | RTM3000 | RTB2000 | RTC1000 | RTH1000 |
|---|---|---|---|---|---|---|
| **Selected Hardware Options** | | | | | | |
| **Mixed Signal Option** | R&S®RTE-B1 | R&S®RTA-B1 | R&S®RTM-B1 | R&S®RTB-B1 | R&S®RTC-B1 | R&S®RTH-B1 |
| **Arbitrary Waveform Generator** | R&S®RTE-B6 | R&S®RTA-B6 | R&S®RTM-B6 | R&S®RTB-B6 | R&S®RTC-B6 | - |

| | RTE1000 | RTA4000 | RTM3000 | RTB2000 | RTC1000 | RTH1000 |
|---|---|---|---|---|---|---|
| **extended Analysis Functions** | | | | | | |
| **History & Segmented Memory** | Standard | | R&S®RTM-K15 | R&S®RTB-K15 | - | R&S®RTH-K15 |
| **High Definition 16 Bit** | Standard | - | - | - | - | - |
| **Spectrum Analysis** | DDC based Standard | Basic FFT | | | | |
| **extended Spectrum Analysis** | R&S®RTE-K18 | R&S®RTA-K18 | R&S®RTM-K18 | - | - | R&S®RTH-K18 |
| **Power Analysis** | R&S®RTE-K31 | R&S®RTA-K31 | R&S®RTM-K31 | - | - | - |
| **Digital Voltmeter (DVM)** | | Standard | | | | |
| **Frequency Counter** | - | - | - | - | - | R&S®RTH-K33 |
| **Harmonic Analysis** | - | - | - | - | - | R&S®RTH-K34 |
| **User Scripting** | - | - | - | - | - | R&S®RTH-K38 |
| **Frequency Response Analysis** | - | R&S®RTA-K36 | R&S®RTM-K36 | R&S®RTB-K36 | - | - |

# R&S OSCILLOSCOPE OPTIONS OVERVIEW
# SERIAL BUS TRIGGER AND DECODE






| | RTE1000 | | RTA4000 | RTM3000 | RTB2000 | RTC1000 | RTH1000 |
|---|---|---|---|---|---|---|---|
| Serial standard | Trigger | Decode | Trigger & Decode | Trigger & Decode | Trigger & Decode | Trigger & Decode | Trigger & Decode |
| $I^2C$/ SPI | R&S®RTE-K1 | | R&S®RTA-K1 | R&S®RTM-K1 | R&S®RTB-K1 | R&S®RTC-K1 | R&S®RTH-K1 |
| UART/RS-232/RS-422/RS-485 | R&S®RTE-K2 | | R&S®RTA-K2 | R&S®RTM-K2 | R&S®RTB-K2 | R&S®RTC-K2 | R&S®RTH-K2 |
| CAN/ LIN | R&S®RTE-K3 | | R&S®RTA-K3 | R&S®RTM-K3 | R&S®RTB-K3 | R&S®RTC-K3 | R&S®RTH-K3 |
| FlexRay™ | R&S®RTE-K4 | | - | - | - | - | - |
| $I^2S$/ LJ/ RJ/ TDM | R&S®RTE-K5 | | R&S®RTA-K5 | R&S®RTM-K5 | - | - | - |
| MIL STD-1553 | R&S®RTE-K6 | | R&S®RTA-K6 | R&S®RTM-K6 | - | - | - |
| ARINC 429 | R&S®RTE-K7 | | R&S®RTA-K7 | R&S®RTM-K7 | - | - | - |
| Ethernet | R&S®RTE-K8 | | - | - | - | - | - |
| CAN-FD (require CAN/LIN) | R&S®RTE-K9 | | - | - | - | - | R&S®RTH-K9 |
| SENT | R&S®RTE-K10 | | - | - | - | - | R&S®RTH-K10 |
| Bus Analysis | R&S®RTE-K35 | | - | - | - | - | - |
| Custom Dec. (NRZ/Manchester) | R&S®RTE-K50 | | - | - | - | - | - |
| MDIO | R&S®RTE-K55 | | - | - | - | - | - |
| 100BASE-T1 | R&S®RTE-K57 | | - | - | - | - | - |
| USB 1.0/1.1/2.0/HSIC | R&S®RTE-K60 | | - | - | - | - | - |
| USB Power Delivery | R&S®RTE-K63 | | - | - | - | - | - |
| SpaceWire | R&S®RTE-K65 | | - | - | - | - | - |
| CXPI | R&S®RTE-K76 | | - | - | - | - | - |
| Applications Bundle | R&S®RTE-TDBNDL | | R&S®RTA-PK1 | R&S®RTM-PK1 | R&S®RTB-PK1 | - | R&S®RTB-PK1 |

# THE ROHDE & SCHWARZ PROBE PORTFOLIO

High voltage

Single ended compact

Differential modular

EMC near field

Power rail

Standard

Broadband

Differential High voltage

Differential compact

Precise V&I Multichannel

Current

PASSIVE

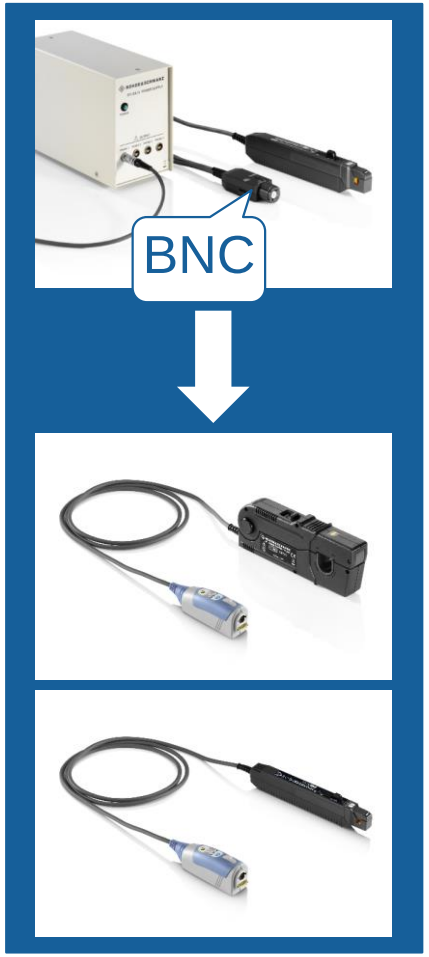
ACTIVE

SPECIALIZED

# CURRENT PROBES

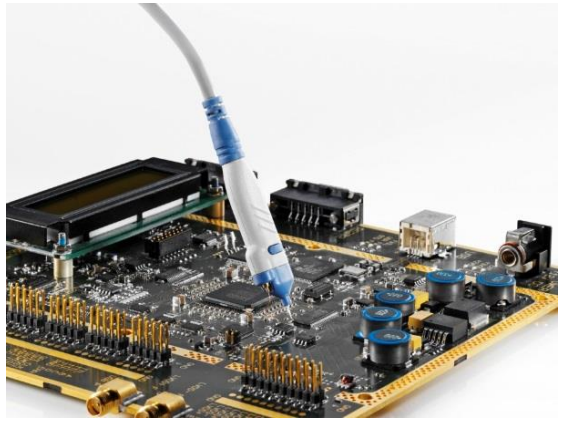
- All R&S®RT-ZCXX**B** support R&S probe interface:
  - no external power supply needed
  - automatic setup of the oscilloscope vertical setting (50Ohm, readout Ampere)
  - degauss & autozero done from the probe menu
  - fully remote control possible

| Current Probe | Designation | Connector |
|---|---|---|
| RT-ZC02 | 20 kHz, AC/DC, 0.01 V/A, 100 A (RMS) or 0.001V/A, 1000 A (RMS) | BNC |
| RT-ZC03 | 100 kHz, AC/DC, 0.1 V/A, 20A (RMS) | BNC |
| RT-ZC05B | 2 MHz, AC/DC, 0.01 V/A, 500 A (RMS) | R&S Probe Interface |
| RT-ZC10 | 10 MHz, AC/DC, 0.01 V/A, 150 A (RMS) | BNC |
| RT-ZC10B | 10 MHz, AC/DC, 0.01 V/A, 150 A (RMS) | R&S Probe Interface |
| RT-ZC15B | 50 MHz, AC/DC, 0.1 V/A, 30 A (RMS) | R&S Probe Interface |
| RT-ZC20 | 100 MHz, AC/DC, 0.1 V/A, 30 A (RMS) | BNC |
| RT-ZC20B | 100 MHz, AC/DC, 0.1 V/A, 30 A (RMS) | R&S Probe Interface |
| RT-ZC30 | 120 MHz, AC/DC, 1 V/A, 5 A (RMS) , high sensitivity | BNC |



# ACTIVE SINGLE ENDED PROBES

- Highlights:
  - Robust and ergonomic design
  - Configurable micro button at probe head (e.g. start/stop)
  - Accurate DC Voltmeter R&S® ProbeMeter (0.1%)
  - High input impedance (1 MOhm) for all active probe models



| Probe Model | Probe Type | Bandwidth | Attenuation | Input Impedance | Connector |
|---|---|---|---|---|---|
| RT-ZS10L* | Active Single Ended | 1 GHz | 10:1 | 1 MΩ / 0.9 pF | BNC |
| RT-ZS10E* | Active Single Ended | 1 GHz | 10:1 | 1 MΩ / 0.8 pF | R&S Probe Interface |
| RT-ZS10 | Active Single Ended | 1 GHz | 10:1 | 1 MΩ / 0.8 pF | R&S Probe Interface |
| RT-ZS20 | Active Single Ended | 1.5 GHz | 10:1 | 1 MΩ / 0.8 pF | R&S Probe Interface |
| RT-ZS30 | Active Single Ended | 3 GHz | 10:1 | 1 MΩ / 0.8 pF | R&S Probe Interface |
| RT-ZS60 | Active Single Ended | 6 GHz | 10:1 | 1 MΩ / 0.8 pF | R&S Probe Interface |

* No R&S® ProbeMeter and micro button for the R&S® RT-ZS10E/L

# POWERRAIL AND PRECISE MULTICHANNEL PROBES

- Highlights Powerrail probe:
  - 1:1, low noise active Probe
  - up to 60V Offset
  - Accurate DC Voltmeter R&S® ProbeMeter (0.1%)
  - Wide range of standard accessories including browser

| Probe Model | Probe Type | Bandwidth | Attenuation | Input Impedance | Connector |
|---|---|---|---|---|---|
| RT-ZPR20 | Active Single Ended | 2 GHz | 1:1 | 50 kΩ | R&S Probe Interface |
| RT-ZPR40 | Active Single Ended | 4 GHz | 1:1 | 50 kΩ | R&S Probe Interface |

# ACTIVE HIGH VOLTAGE DIFFERENTIAL PROBES

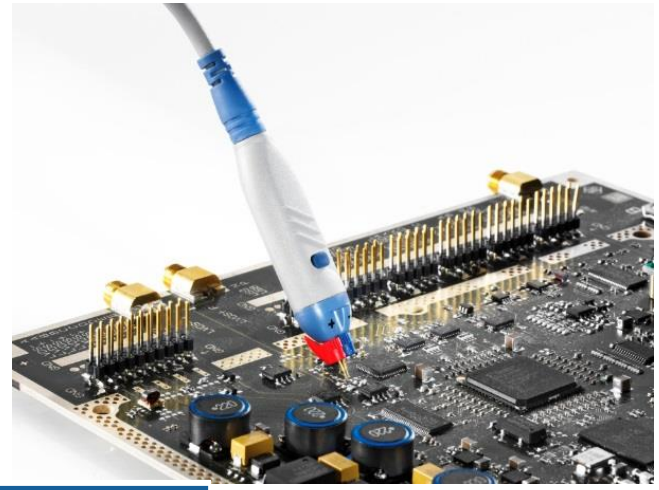
- Highlights:
  - Robust and ergonomic design
  - Up to 80 dB CMRR, up to 2kV Offset, up to 6kV Input voltage
  - Configurable micro button at probe head (e.g. start/stop)
  - Accurate DC Voltmeter R&S® ProbeMeter (0.1%)*

| Probe Model | Probe Type | Bandwidth | Attenuation | Input Impedance | Connector |
|---|---|---|---|---|---|
| RT-ZD01 | Active Differential | 100 MHz | 100:1 / 1000:1 | Diff: 8 MΩ / 3.5 pF | BNC |
| RT-ZD002 | Active Differential | 25 MHz | 10:1 / 100:1 | Diff: 4 MΩ / 5.5 pF | BNC |
| RT-ZD003 | Active Differential | 25 MHz | 20:1 / 200:1 | Diff: 4 MΩ / 5.5 pF | BNC |
| RT-ZHD07 | Active Differential | 200 MHz | 25:1 / 250:1 | Diff: 5 MΩ / 2 pF | R&S Probe Interface |
| RT-ZHD15 | Active Differential | 100 MHz | 50:1 / 500:1 | Diff: 10 MΩ / 2 pF | R&S Probe Interface |
| RT-ZHD16 | Active Differential | 200 MHz | 50:1 / 500:1 | Diff: 10 MΩ / 2 pF | R&S Probe Interface |
| RT-ZHD60 | Active Differential | 100 MHz | 100:1 / 1000:1 | Diff: 40 MΩ / 2 pF | R&S Probe Interface |

* No R&S® ProbeMeter and micro button for the RT-ZD01/002/003

# ACTIVE DIFFERENTIAL PROBES

- Highlights:
  - Robust and ergonomic design
  - Configurable micro button at probe head (e.g. start/stop)
  - Accurate DC Voltmeter R&S® ProbeMeter (0.1%) *
  - High input impedance (1 MOhm) for all active probe models >1 GHz

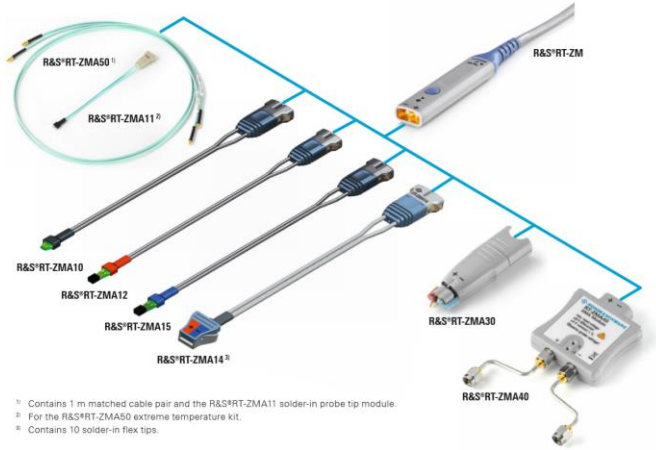


| Probe Model | Probe Type | Bandwidth | Attenuation | Input Impedance | Connector |
|---|---|---|---|---|---|
| RT-ZD02* | Active Differential | 200 MHz | 10:1 | Diff: 1 MΩ / 3.5 pF | BNC |
| RT-ZD08* | Active Differential | 800 MHz | 10:1 | Diff: 200 kΩ / 1 pF | BNC |
| RT-ZD10 | Active Differential | 1 GHz | 10:1 / 100:1 (with Add-on Attenuator) | Diff: 1 MΩ / 0.6 pF | R&S Probe Interface |
| RT-ZD20 | Active Differential | 1.5 GHz | 10:1 | Diff: 1 MΩ / 0.6 pF | R&S Probe Interface |
| RT-ZD30 | Active Differential | 3 GHz | 10:1 | Diff: 1 MΩ / 0.6 pF | R&S Probe Interface |
| RT-ZD40 | Active Differential | 4.5 GHz | 10:1 | Diff: 1 MΩ / 0.6 pF | R&S Probe Interface |

* No R&S® ProbeMeter and micro button for the RT-ZD02/08

# MODULAR ACTIVE DIFFERENTIAL PROBES

- Highlights:
  - MultiMode functionality (Differential/Common/Single mode)
  - Configurable micro button at probe head (e.g. start/stop)
  - Accurate DC Voltmeter R&S® ProbeMeter (0.1%)
  - High input impedance (400 kOhm) for low DC loading




| Probe Model | Probe Type | Bandwidth | Attenuation | Input Impedance | Connector |
|---|---|---|---|---|---|
| RT-ZM15/30/ 60/90/130/160 | Amplifier Module | 1.5/3/6/9/13/16 GHz | 10:1 / 2:1 | Diff: 400 kΩ | R&S Probe Interface |
| RT-ZMA10 | Solder-in Tip | 16 GHz | - | 77 fF | |
| RT-ZMA12 | Square-pin Tip | 6 GHz | - | 279 fF | |
| RT-ZMA14 | Flex Connect Solder-in Tip | 16 GHz | - | 77 fF | |
| RT-ZMA15 | Quick-connect Tip | 12 GHz | - | 109 fF | |
| RT-ZMA30 | Browser Tip | 16 GHz | - | 32 fF | |
| RT-ZMA40 | SMA module Tip | 16 GHz | - | 100 Ω | |
| RT-ZMA50 | Extreme Temperature Tip | 2.5 GHz | - | 77 fF | |

# HIGH VOLTAGE PASSIVE PROBE PORTFOLIO

- Highlights:
  - Robust design
  - Versatile usage with many instruments

| Probe Model | Probe Type | Bandwidth | Attenuation / Max. Voltage | Input Impedance | Connector |
|---|---|---|---|---|---|
| RT-ZH03 | Passive Single Ended | 250 MHz | 100:1 / 850 $V_{rms}$ | 100 MΩ / 6.5 pF | BNC |
| RT-ZH10 | Passive Single Ended | 400 MHz | 100:1 / 1000 $V_{rms}$ | 50 MΩ / 7.5 pF | BNC |
| RT-ZH11 | Passive Single Ended | 400 MHz | 1000:1 / 1000 $V_{rms}$ | 50 MΩ / 7.5 pF | BNC |

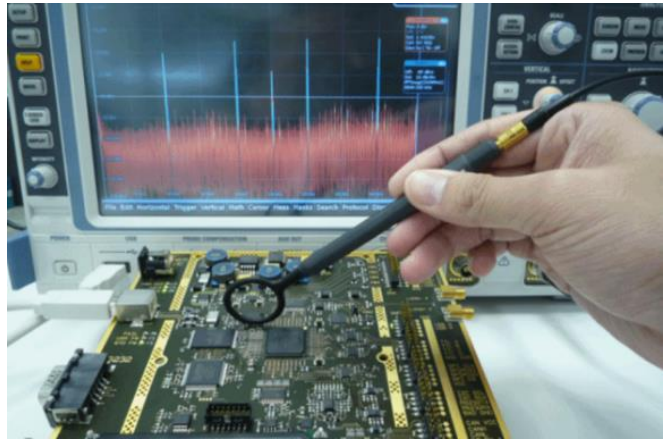
# PASSIVE PROBE PORTFOLIO

- Highlights:
  - Robust design
  - Versatile usage with many instruments

| Probe Model | Probe Type | Bandwidth | Attenuation / Max. Voltage | Input Impedance | Connector |
|---|---|---|---|---|---|
| R&S® RT-ZP1X | Passive Single Ended | 38 MHz | 1:1 / 55 V (RMS) | 1 MΩ / 39 pF | BNC |
| R&S® RT-ZP03 | Passive Single Ended | 300 MHz<br>10 MHz | 10:1 / 400 V (RMS)<br>1:1 / 55 V (RMS) | 10 MΩ / 12 pF<br>1 MΩ / 82 pF | BNC |
| R&S® RT-ZP05 | Passive Single Ended | 500 MHz | 10:1 / 300 V (RMS) | 10 MΩ / 9.5 pF | BNC |
| R&S® RT-ZP10 | Passive Single Ended | 500 MHz | 10:1 / 400 V (RMS) | 10 MΩ / 9.5 pF | BNC |
| R&S® RTM-ZP10 | Passive Single Ended | 500 MHz | 10:1 / 400 V (RMS) | 10 MΩ / 9.5 pF | BNC |
| R&S® RT-ZZ80 | Passive Single Ended | 8 GHz | 10:1 / 20 V (RMS) | 500 Ω / 0.3 pF | BNC |

# EMI PROBE PORTFOLIO

- Highlights:
  - Perfect match to sensitive low noise R&S Scopes
  - Versatile usage with many instruments



| Probe Set | Description | Bandwidth | Connector |
|---|---|---|---|
| R&S® HZ-15 | Probe Set for E and H near-field emission measurements | 30 MHz to 3 GHz | BNC |
| R&S® HZ-16 | Preamplifier 20 dB for R&S HZ-15 | 100 kHz to 3 GHz | BNC |

# TEKTRONIX PROBE ADAPTER

- Highlights:
  - Use of selected Tektronix Probes (with TekProbe Interface Level II)
  - available with all R&S Oscilloscopes with R&S Probe interface
  - Easy to use through predefined probe settings

| Adapter | Description | Supported Probe Type | Tektronix Material |
|---|---|---|---|
| R&S® RT-Z2T | Probe Interface Adapter for TekProbe level II | Single ended active probes | P6205, P6243, P6245, P6241, P6249 |
| | | Current probes | TCP202 |
| | | Differential active probes | P6246, P6247, P6248, P6250, P6251 |
| | | High-voltage differential probes | P5205, P5210 |
| | | Electro-optical probes | P6701B, P6703B, P6711 |