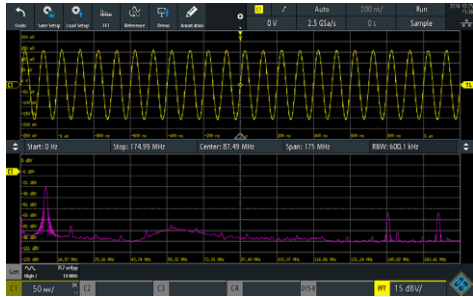


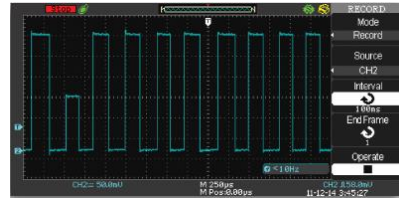
R&S®RTB2000

versus Teledyne LeCroy WaveAce 2000

The R&S®RTB2000 outperforms the Teledyne LeCroy WA2000 Series in major parameters with the power of 10.



R&S®RTB2000: 10.1" display, 1280 x 800 pixel resolution.



Teledyne LeCroy WA 2000: 7" display, 480 x 234 pixel resolution

| Your benefit | Features |
|---|---|
| 10-bit ADC: four times more vertical resolution | The proprietary Rohde & Schwarz 10-bit ADC used in the R&S®RTB2000 allow four times more vertical resolution compared to standard 8-bit ADC in the Teledyne LeCroy WA 2000. Finer voltage measurements become important as the voltage levels decrease. |
| 10 Msample memory: capture longer periods | The responsive 10Msample memory per channel with quick zoom functions allow order of magnitude more acquisition time than the Teledyne LeCroy WA 2000 Series at the same sample rate. |
| 10.1" high-resolution capacitive touchscreen with gesture support | The capacitive touchscreen of the R&S®RTB2000 offers about 9 times more resolution than the display of the Teledyne LeCroy WA 2000 Series. Gesture support enables fastest setting times and short learning time. |

► For more information, see www.rohde-schwarz.com/product/RTB2000



| Parameter | R&S®RTB2000 | LeCroy WA 2000 |
|-----------------------|--|---------------------|
| Channels | 4/2 for all models | 4/2 for all models |
| Bandwidth | 70/100/200/300 MHz upgradeable | 70/100/200/300 MHz |
| Min. V/div @ 1 MΩ | 1 mV | 2 mV |
| Max. sampling rate | 2.5 Gsample/s | 2 Gsample/s |
| ADC resolution | 10-bit | 8-bit |
| Memory depth | 20 Msample | 0.024 Msample |
| Waveform update rate | 50 000 waveforms/s 300 000 waveforms/s in fast segmented memory mode | 100 waveforms/s |
| MSO | R&S®RTB-B1 option, 1.25 Gsample/s, 16 digital channels, 10 Msample, upgradeable | - |
| Display | 10.1", 1280 x 800 pixel | 7", 480 x 234 pixel |
| Touchscreen operation | capacitive with gesture support | - |
| Multifunction | DVM, counter | - |
| LAN interface | standard 10/100/1000BASE-T | standard |
| Warranty | 3 years | 3 years |
| Size, W x H x D | 390 x 220 x 152 mm | 360 x 163 x 124 mm |
| Weight | 2.5 kg | 3.3 kg |
| Generator option | function and arbitrary, 4-bit pattern | - |
| History mode option | up to 160 Msample in 16 to 13000 segments | - |
| Serial decode options | I ² C, SPI, UART/RS-232/422/485, CAN, LIN | - |

Innovative user interface, quick and easy to use

The R&S®RTB2000 user interface offers features not available on the Teledyne LeCroy WA2000 Series.

- Touchscreen with gesture support and on-screen annotation
- Mouse support
- Grid annotations for easy determination of vertical and horizontal values
- Pull up/down menu for optimized waveform viewing
- Quick measure button to immediately display nine automated measurements on the signal



Configurable toolbar (including undo and redo) for fast access to functions and quick finger annotation, allowing fast operation and documentation.

Education mode

The R&S®RTB2000 gives accurate and fast results. With its modern multifunction capabilities, including a built-in generator, it is the perfect tool for education. For classroom training, the education mode deactivates comfort functions such as autoset, quick measure and automatic measurements.

More investment protection

When it comes to investment protection, the R&S®RTB2000 is again class leading. Buy only what you need today and upgrade later as your needs grow. After-purchase upgrades are available for:

- Bandwidth up to 300 MHz
- Digital channels (mixed signal option)
- Serial triggering and decoding of I²C, SPI, UART/RS-232/422/485, CAN/LIN
- History mode with up to 160 Msample memory
- Function, arbitrary and pattern generator

Advantage factors of R&S®RTB2000 versus Teledyne LeCroy WA2000 Series



4x
More ADC resolution



833x
More memory



1.4x
More display area



1.3x
More sample rate



2x
Lower sensitivity