# R&S®RTB 2 SERIES OSCILLOSCOPE
## versus Keysight InfiniiVision 2000 X-Series

Compelling connectivity

Accessing the instrument via web? The R&S®RTB 2 uniquely delivers a remote front panel in addition to the user interface. Need to transfer screenshots, setup files and/or waveforms into tools like PowerPoint and Excel? The R&S®RTB 2, equipped with MTP technology, allows the oscilloscope to show on PCs as another drive for easy file sharing, drag & drop image and file transfers.

LAN connectivity

LAN

MTP connectivity

USB type B

USB type A
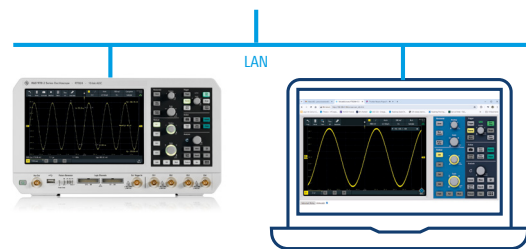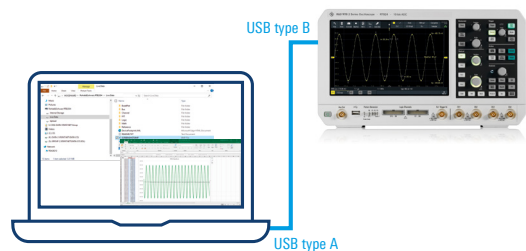
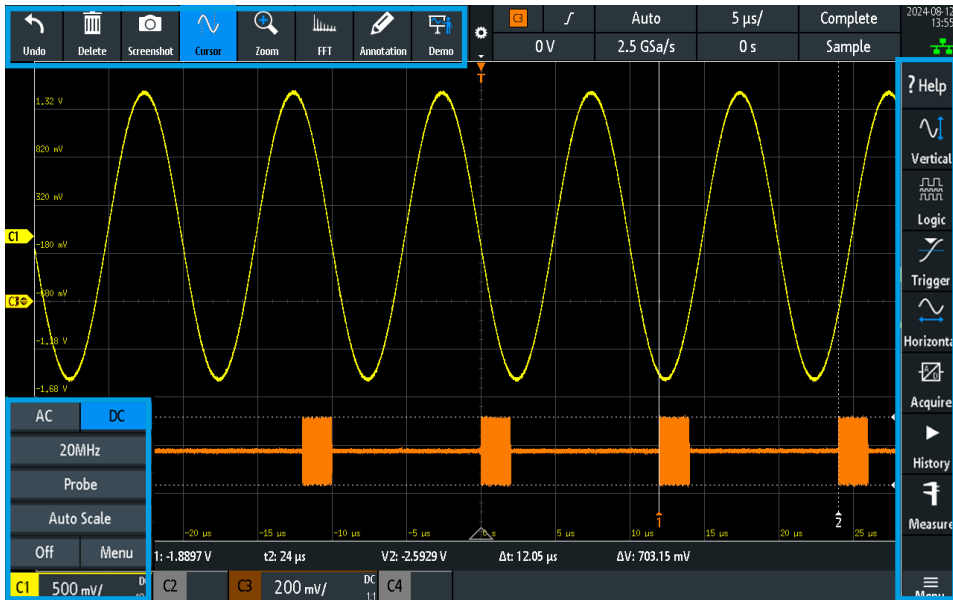| Parameter	R&S®RTB 2 series	Keysight 2000 X-Series
Acquisition system		
Channels	2/4 for all models	2/4 for all models
Bandwidth	70/100/200/300 MHz (upgradeable)	70/100/200 MHz (upgradeable)
ADC resolution	10 bit	8 bit
Maximum real-time sampling rate	2.5 Gsample/s	2 Gsample/s
Standard memory depth	10 Mpoints per channel (all channels); 20 Mpoints (interleaved)	500 kpoints per channel (all channels); 1 Msample (interleaved)
Segmented memory depth/history mode	260 Mpoints (standard)	1 Mpoints
MSO	16 digital channels (option)	8 digital channels (option)
X-in-1 oscilloscope		
Serial decode options	I²C, SPI, UART/RS-232/422/485, CAN, LIN	I²C, SPI, UART/RS-232/422/485, CAN, LIN
Generator	standard	option
FRA (Bode plot)	● (option)	–
Form factor		
Display	10.1" display (1280 × 800 pixel); modern 16:10 ratio	8.5" display (800 × 480 pixel); old 4:3 ratio
Touchscreen	●; capacitive	–
Grid annotation	●	–
LAN connectivity	● (standard); includes virtual front panel	option; no virtual front panel
MTP file transfer	● (standard)	–
Boot time	approx. 10 s	approx. 50 s
Dimensions (W × H × D)	390 mm × 220 mm × 152 mm	370 mm × 252 mm × 148 mm
Weight	2.5 kg	3.9 kg

For options, prices and more information, visit
www.rohde-schwarz.com/product/RTB2

Easier, more intuitive user interface

Enjoy a number of newer user interface capabilities available exclusively on the R&S®RTB 2 oscilloscope.

2 Configurable toolbar (including undo and redo) for fast access to functions

1 Menu structure is minimized when not in use. Touch and get full organized access to all oscilloscope functionality.

Tektronix MSO 2 eliminated the menu structure. Using both single and double tapping, users much hunt and find how to adjust settings.

3 Short menus enable rapid navigation to key setting.

Education mode
For classroom training, the education mode deactivates comfort functions such as autoset, quick measure and automatic measurements.

4 Get more flexibility with Quick Access. Drag & drop your favorite settings to the display for fast access.

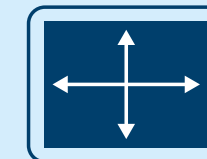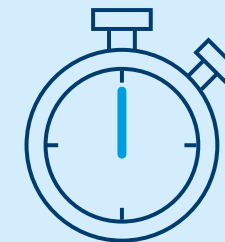## Advantages of the R&S®RTB 2 versus Keysight 2000X
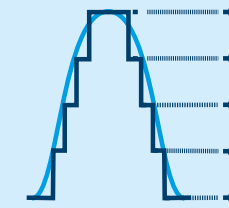
4 ×
More ADC resolution

ADC

20 ×
More memory

Memory

1.5 ×
More display area

Display area

5 ×
Faster boot-up