

# Batronic Product Catalog 2018

## BATRONIX - YOUR MEASUREMENT PARTNER

Batronic is an innovative company founded in northern Germany 18 years ago, focusing on developing and distributing premium quality products for electronic developers.

Customers from more than 150 countries already put their trust in our products, which can be purchased directly in our web shop on [www.batronix.com](http://www.batronix.com), or with numerous distributors and mail order dealers.

You can find our complete product catalogue including accessories, product details and pricing information on our website [www.batronix.com](http://www.batronix.com).

We are also happy to assist you to find the best solution fitting your needs.

### Good reasons to choose Batronic

- ✓ Best price guarantee
- ✓ Expert advice
- ✓ Large selection
- ✓ 30 day trial period
- ✓ Money back guarantee

## BATRONIX - IHR MESSTECHNIK PARTNER

Batronix ist ein innovatives Unternehmen, das vor 18 Jahren im Raum Kiel gegründet wurde. Der Fokus liegt auf der Entwicklung und dem Vertrieb von hochwertigen technischen Produkten für Elektronik Entwickler.

Kunden in über 150 Ländern der Erde vertrauen bereits auf unsere Produkte, die direkt über den Onlineshop [www.batronix.com](http://www.batronix.com), diverse Distributoren und Elektronik Kataloghändler vertrieben werden.

Auf der Webseite [www.batronix.com](http://www.batronix.com) finden Sie unser komplettes Produktangebot mit Zubehörteilen, Produktdetails und aktuellen Preisangaben.

Neben dem E-Mail Support sind wir auch gerne per Telefon und Fax für Sie da.

### Gute Gründe für Batronix

- ✓ Batronix Bestpreisgarantie
- ✓ Schnell, unkompliziert und flexibel
- ✓ Kompetente Beratung
- ✓ Große Auswahl direkt ab Lager
- ✓ 30 Tage Rückgaberecht, auch B2B





# Measurement Instruments

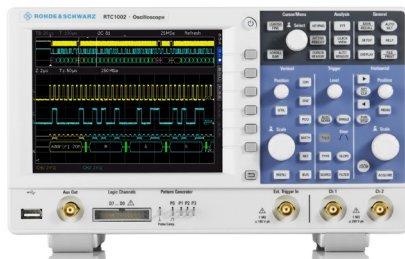
- Oscilloscopes
- Spectrum Analyzers
- Waveform Generators
- Signal Generators
- Multimeters





## ROHDE & SCHWARZ RTC1000 OSCILLOSCOPES

- + 2 channel
- + 50 MHz - 300 MHz bandwidth
- + 2 GSa/s sample rate
- + 8 Bit A/D converter
- + 2 Mpts memory depth
- + Up to 10.000 wfms/s
- + 6,5" (16.5 cm) touchdisplay (640x480 pixel)
- + Incl. RTC-B6 waveform & pattern generator



ROHDE & SCHWARZ RTC1000

RTC1000 SETS	BANDWIDTH	MSO	PRICE (NET)*
RTC1K-52	50 MHz	Option	€ 835.-
RTC1K-52M	50 MHz	✓	€ 1245.-
RTC1K-72	70 MHz	Option	€ 935.-
RTC1K-72M	70 MHz	✓	€ 1345.-
RTC1K-102	100 MHz	Option	€ 1035.-
RTC1K-102M	100 MHz	✓	€ 1445.-
RTC1K-202	200 MHz	Option	€ 1500.-
RTC1K-202M	200 MHz	✓	€ 1910.-
RTC1K-302	300 MHz	Option	€ 1800.-
RTC1K-302M	300 MHz	✓	€ 2210.-

RTC1000 ACCESSORIES	PRICE (NET)*
RTC-PK1 Option Bundle	€ 330.-
RTC-B1 MSO Option	€ 410.-
RTC-B6 ARB Generator (already included at RTC1K)	€ 190.-
RTC-K1 I <sup>2</sup> C & SPI Decoding	€ 165.-
RTC-K2 UART/RS232 Decoding	€ 165.-
RTC-K3 CAN/LIN Decoding	€ 165.-

\* Manufacturer's suggested retail price without VAT at the time of print. Visit [www.batronix.com](http://www.batronix.com) for a complete product list and current prices.  
 \* UVP Nettopreise ohne MwSt. zum Zeitpunkt des Druckes. Unser komplettes Angebot mit aktuellen Preisen finden Sie auf [www.batronix.com](http://www.batronix.com).

## ROHDE & SCHWARZ RTB2000 OSCILLOSCOPES

- + 2 - 4 channel
- + 70 MHz - 300 MHz bandwidth
- + 2.5 GSa/s sample rate
- + 10 Bit A/D converter
- + 10 Mpts memory depth
- + up to 160 Mpts fast segmented memory
- + Up to 50.000 wfms/s
- + 10" (25.7 cm) touchdisplay (1280x800 pixel)
- + Digital voltmeter
- + Frequency analysis mode
- + Protocol analyzer (optional)
- + 3 years warranty



Rohde & Schwarz RTB2000

RTB2002 SETS (2 CHANNELS)		BANDWIDTH	MSO	PRICE (NET)*
RTB2002		70 MHz	Option	€ 1250.-
RTB2K-72M		70 MHz	✓	€ 1950.-
RTB2K-102		100 MHz	Option	€ 1525.-
RTB2K-102M		100 MHz	✓	€ 2225.-
RTB2K-202		200 MHz	Option	€ 2145.-
RTB2K-202M		200 MHz	✓	€ 2845.-
RTB2K-302		300 MHz	Option	€ 2950.-
RTB2K-302M		300 MHz	✓	€ 3650.-
RTB2004 SETS (4 CHANNELS)		BANDWIDTH	MSO	PRICE (NET)*
RTB2004		70 MHz	Option	€ 1900.-
RTB2K-74M		70 MHz	✓	€ 2600.-
RTB2K-104		100 MHz	Option	€ 2125.-
RTB2K-104M		100 MHz	✓	€ 2825.-
RTB2K-204		200 MHz	Option	€ 2645.-
RTB2K-204M		200 MHz	✓	€ 3345.-
RTB2K-304		300 MHz	Option	€ 3650.-
RTB2K-304M		300 MHz	✓	€ 4350.-
RTB2000 ACCESSORIES			PRICE (NET)*	
RTB-PK1 Option Bundle (K1, K2, K3, K15, B6)			€ 1150.-	
RTB-B1 MSO Option			€ 700.-	
RTB-B6 ARB Generator			€ 700.-	
RTB-K1 I <sup>2</sup> C & SPI Decoding			€ 480.-	
RTB-K2 UART/RS232 Decoding			€ 480.-	
RTB-K3 CAN/LIN Decoding			€ 480.-	
RTB-K15 Segmented Memory			€ 700.-	



## ROHDE & SCHWARZ RTM3000 OSCILLOSCOPES

- + 2 - 4 channel
- + 100 MHz - 1 GHz bandwidth
- + 5 GSa/s sample rate
- + 10 Bit A/D converter
- + 80 Mpts memory depth
- + up to 400 Mpts fast segmented memory
- + Up to 70.000 wfms/s
- + 10" (25.7 cm) touchscreen (1280x800 pixel)
- + Digital voltmeter
- + Frequency analysis mode
- + Protocol analyzer (optional)
- + Spectrum analysis and spectrogram (optional)
- + Power analysis (optional)
- + 3 years warranty



Rohde & Schwarz RTM3000

RTM3002 SETS (2 CHANNELS)	BANDWIDTH	MSO	PRICE (NET)*
RTM3002	100 MHz	Option	€ 3190.-
RTM3K-02M	100 MHz	✓	€ 4540.-
RTM3K-22	200 MHz	Option	€ 3770.-
RTM3K-22M	200 MHz	✓	€ 5120.-
RTM3K-32	350 MHz	Option	€ 6510.-
RTM3K-32M	350 MHz	✓	€ 7860.-
RTM3K-52	500 MHz	Option	€ 8210.-
RTM3K-52M	500 MHz	✓	€ 9560.-
RTM3K-102	1 GHz	Option	€ 10050.-
RTM3K-102M	1 GHz	✓	€ 13800.-
RTM3004 SETS (4 CHANNELS)	BANDWIDTH	MSO	PRICE (NET)*
RTM3004	100 MHz	Option	€ 3790.-
RTM3K-04M	100 MHz	✓	€ 5140.-
RTM3K-24	200 MHz	Option	€ 4230.-
RTM3K-24M	200 MHz	✓	€ 5580.-
RTM3K-34	350 MHz	Option	€ 7800.-
RTM3K-34M	350 MHz	✓	€ 9150.-
RTM3K-54	500 MHz	Option	€ 10510.-
RTM3K-54M	500 MHz	✓	€ 11860.-
RTM3K-104	1 GHz	Option	€ 13050.-
RTM3K-104M	1 GHz	✓	€ 14400.-
RTM3000 ACCESSORIES			PRICE (NET)*
RTM-PK1 Option Bundle (B6, K1, K2, K3, K5, K6, K7, K15, K18, K31)			€ 2500.-
RTM-B1 MSO Option			€ 1350.-
RTM-B6 ARB Generator			€ 700.-
RTM-K1 I <sup>2</sup> C & SPI Decoding			€ 990.-
RTM-K2 UART/RS232 Decoding			€ 990.-
RTM-K3 CAN/LIN Decoding			€ 990.-
RTM-K5 I2S/LJ/RJ/TDM Decoding			€ 990.-
RTM-K6 MIL-1553 Decoding			€ 990.-
RTM-K7 ARINC 429 Decoding			€ 990.-
RTM-K15 Segmented Memory			€ 990.-
RTM-K18 Spectrum Analysis and Spectrogram			€ 1500.-
RTM-K31 Power Analysis			€ 1290.-

## ROHDE & SCHWARZ RTA4000 OSCILLOSCOPES

- + 4 channel
- + 200 MHz - 1 GHz bandwidth
- + 5 GSa/s sample rate
- + 10 Bit A/D converter
- + 200 Mpts memory depth
- + 1000 Mpts fast segmented memory
- + Up to 70.000 wfms/s
- + 10" (25.7 cm) touchdisplay (1280x800 pixel)
- + Digital voltmeter
- + Frequency analysis mode
- + Protocol analyzer (optional)
- + Spectrum analysis and spectrogram (optional)
- + Power analysis (optional)
- + 3 years warranty



Rohde & Schwarz RTA4000

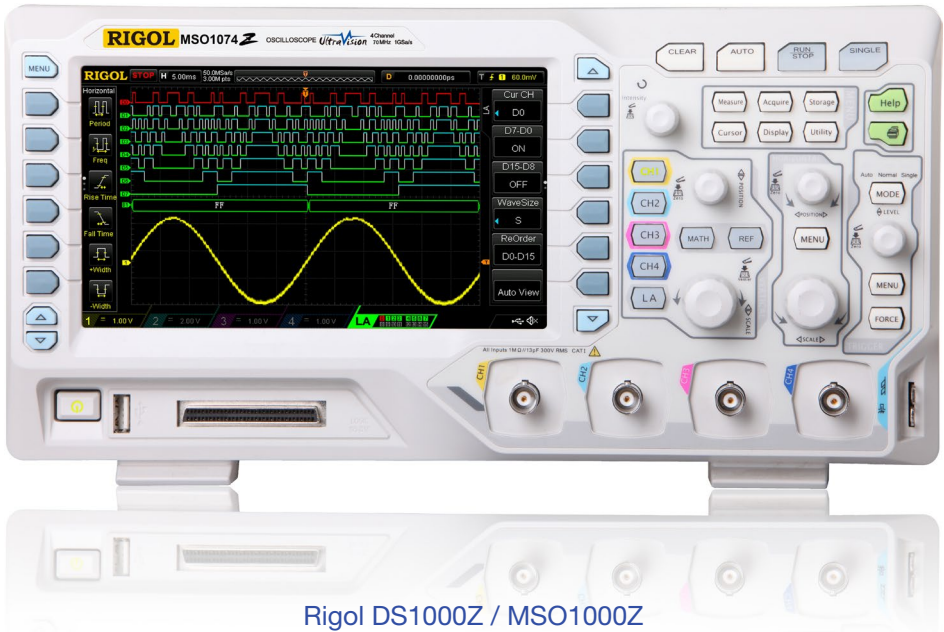


RTA4000 SETS	BANDWIDTH	MSO	PRICE (NET)*
RTA4004	200 MHz	Option	€ 5230.-
RTA4K-04M	200 MHz	✓	€ 7730.-
RTA4K-34	350 MHz	Option	€ 9530.-
RTA4K-34M	350 MHz	✓	€ 12030.-
RTA4K-54	500 MHz	Option	€ 12430.-
RTA4K-54M	500 MHz	✓	€ 14930.-
RTA4K-104	1 GHz	Option	€ 15450.-
RTA4K-104M	1 GHz	✓	€ 17950.-

RTA4000 ACCESSORIES	PRICE (NET)*
RTA-PK1 Option Bundle (B6, K1, K2, K3, K5, K6, K7, K18, K31)	€ 2530.-
RTA-B1 MSO Option	€ 2500.-
RTA-B6 ARB Generator	€ 780.-
RTA-K1 I <sup>2</sup> C & SPI Decoding	€ 1450.-
RTA-K2 UART/RS232 Decoding	€ 1450.-
RTA-K3 CAN/LIN Decoding	€ 1450.-
RTA-K5 I2S/LJ/RJ/TDM Decoding	€ 1450.-
RTA-K6 MIL-1553 Decoding	€ 1450.-
RTA-K7 ARINC 429 Decoding	€ 1450.-
RTA-K18 Spectrum Analysis and Spectrogram	€ 1800.-
RTA-K31 Power Analysis	€ 1420.-

## RIGOL DS1000Z / MSO1000Z OSCILLOSCOPES

- + 4 channel
- + 50-100 MHz bandwidth
- + 1 GSa/s sample rate
- + 8 Bit A/D converter
- + 12 Mpts memory depth
- + Up to 30.000 wfms/s
- + 7" (17.8 cm) TFT display (800x480 pixel)
- + MSO1000Z with 16 digital channels (1 GSa/s, 16 x 6 Mpts)
- + "-S" Models with built-in 2 channel 200 Msa/s waveform generator
- + Serial bus decoding (optional)
- + Versatile trigger functions
- + PictBridge certified (printer support)
- + USB 2.0 device, LAN (LXI-C), GPIB (optional)
- + 3 years warranty



Rigol DS1000Z / MSO1000Z

DS1000Z	BANDWIDTH	GEN	PRICE (NET)*
DS1054Z	50 MHz		€ 339.-
DS1074Z	70 MHz		€ 439.-
DS1074Z-S	70 MHz	✓	€ 619.-
DS1104Z	100 MHz		€ 579.-
DS1104Z-S	100 MHz	✓	€ 759.-

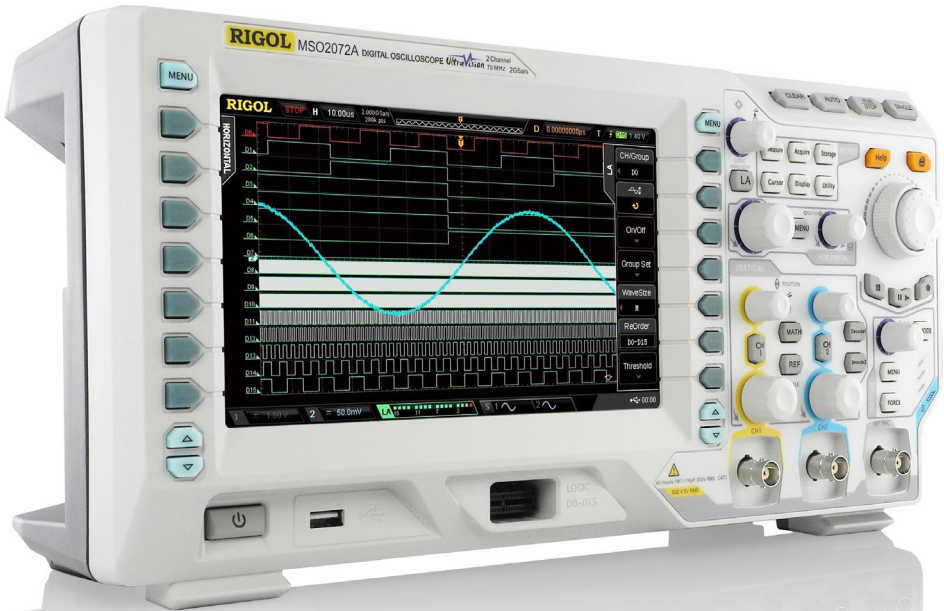
MSO1000Z	BANDWIDTH	GEN	PRICE (NET)*
MSO1074Z	70 MHz		€ 679.-
MSO1074Z-S	70 MHz	✓	€ 869.-
MSO1104Z	100 MHz		€ 799.-
MSO1104Z-S	100 MHz	✓	€ 999.-

DS/MSO1000Z ACCESSORIES	PRICE (NET)*
SD-DS1000Z Serial Decoder (RS232, I <sup>2</sup> C and SPI)	€ 165.-
AT-DS1000Z Advanced Trigger (Nth edge, HDTV, ...)	€ 165.-
MEM-DS1000Z Memory Option (24 Mpts)	€ 165.-
REC-DS1000Z Record-Module (record, replay)	€ 120.-
Bag-DS1000	€ 59.-



## RIGOL DS2000A / DS2000E / MSO2000A OSCILLOSCOPES

- + 2 channel
- + 70 MHz - 300 MHz bandwidth
- + 2 GSa/s sample rate
- + 2x 1 GSa/s sample rate (E-Version)
- + 8 Bit A/D converter
- + 14 Mpts memory depth
- + Up to 50.000 wfms/s
- + 8" (20.32 cm) TFT display (800x480 pixel)
- + MSO2000A with 16 digital channels (1 GSa/s, 16 x 7 Mpts)
- + "-S" models with built-in 2 channel 200 MSA/s waveform generator
- + Protocol analyzer (optional)
- + Great accuracy, low noise input
- + Realtime waveform record, replay, analysis
- + Serial bus decoding (optional)
- + PictBridge certified (printer support)
- + 3 years warranty



Rigol DS2000A / DS2000E / MSO2000A

DS2000A	BANDWIDTH	GEN	PRICE (NET)*
DS2072A	70 MHz		€ 749.-
DS2072A-S	70 MHz	✓	€ 945.-
DS2102A	100 MHz		€ 995.-
DS2102A-S	100 MHz	✓	€ 1195.-
DS2202A	200 MHz		€ 1445.-
DS2202A-S	200 MHz	✓	€ 1645.-
DS2302A	300 MHz		€ 1845.-
DS2302A-S	300 MHz	✓	€ 2145.-

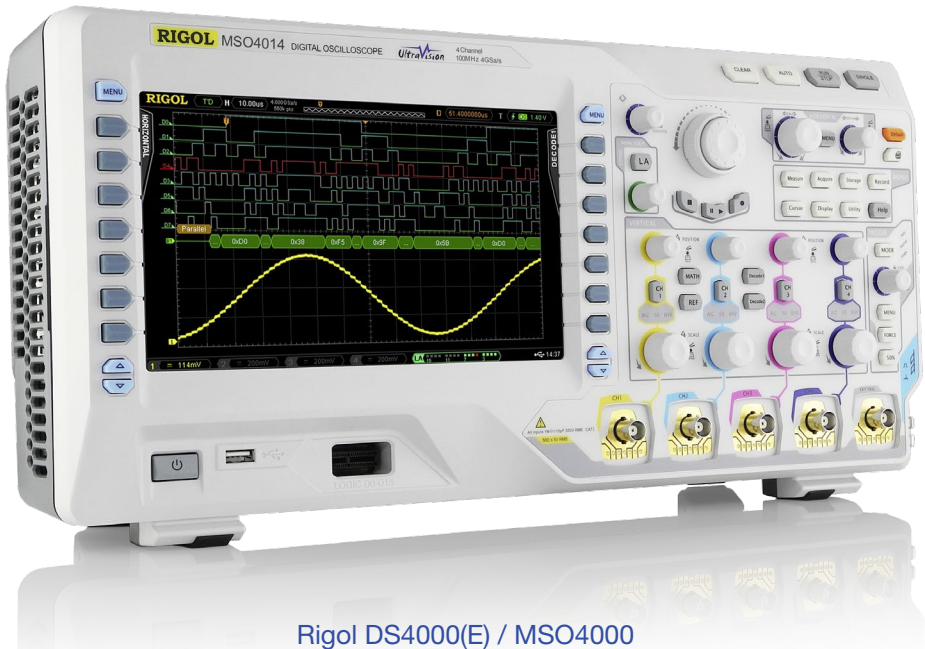
DS2000E	BANDWIDTH	GEN	PRICE (NET)*
DS2102E	100 MHz		€ 579.-
DS2202E	200 MHz		€ 749.-

MSO2000A	BANDWIDTH	GEN	PRICE (NET)*
MSO2072A	70 MHz		€ 995.-
MSO2072A-S	70 MHz	✓	€ 1285.-
MSO2102A	100 MHz		€ 1235.-
MSO2102A-S	100 MHz	✓	€ 1535.-
MSO2202A	200 MHz		€ 1635.-
MSO2202A-S	200 MHz	✓	€ 1895.-
MSO2302A	300 MHz		€ 2095.-
MSO2302A-S	300 MHz	✓	€ 2395.-

DS/MSO2000A/E ACCESSORIES	PRICE (NET)*
DS/MSO2000A Option Bundle (Promotion Offer)	€ 239.-
SD-DS2 Serial Decoder (RS232, I <sup>2</sup> C and SPI)	€ 239.-
CAN-DS2000A Serial Decoder (CAN)	€ 239.-
AT-DS2 Advanced Trigger (Nth edge, HDTV, ...)	€ 239.-
MEM-DS2 Memory Option (56 Mpts)	€ 359.-
BAG-G1	€ 129.-

## RIGOL DS/MSO4000 OSCILLOSCOPES

- + 2 - 4 channel
- + 100 MHz - 500 MHz bandwidth
- + 4 GSa/s sample rate
- + 2 GSa/s sample rate (E-Version)
- + 8 Bit A/D converter
- + 140 Mpts memory depth
- + 14 Mpts memory depth (E-Version)
- + Up to 110.000 wfms/s
- + 9" (22.9 cm) color TFT display (800x480 pixel)
- + MS04000 series with built-in 16 channel logic-analyser
- + Real time waveform record, replay, analysis
- + Serial bus decoding (optional)
- + Versatile trigger functions
- + PictBridge certified (printer support)
- + 3 years warranty



DS4000 (2 CHANNELS)	BANDWIDTH	PRICE (NET)*
DS4012	100 MHz	€ 1795.-
DS4022	200 MHz	€ 2195.-
DS4032	350 MHz	€ 3295.-
DS4052	500 MHz	€ 3945.-

DS4000 (4 CHANNELS)	BANDWIDTH	PRICE (NET)*
DS4014	100 MHz	€ 1995.-
DS4014E	100 MHz	€ 1695.-
DS4024	200 MHz	€ 2455.-
DS4024E	200 MHz	€ 2195.-
DS4034	350 MHz	€ 3595.-
DS4054	500 MHz	€ 4945.-

MSO4000 (2 CHANNELS)	BANDWIDTH	PRICE (NET)*
MSO4012	100 MHz	€ 2545.-
MSO4022	200 MHz	€ 3145.-
MSO4032	350 MHz	€ 4645.-
MSO4052	500 MHz	€ 6245.-

MSO4000 (4 CHANNELS)	BANDWIDTH	PRICE (NET)*
MSO4014	100 MHz	€ 2845.-
MSO4024	200 MHz	€ 3445.-
MSO4034	350 MHz	€ 5345.-
MSO4054	500 MHz	€ 7245.-

DS/MSO4000 ACCESSORIES	PRICE (NET)*
DS/MSO4000 Option Bundle (Promotion Offer)	€ 549.-
SD-RS232-DS4 (RS232)	€ 549.-
SD-I2C-SPI-DS4 (I <sup>2</sup> C and SPI)	€ 549.-
SD-AUTO-DS4 (CAN)	€ 549.-
SD-FlexRay-DS4 (FlexRay)	€ 1235.-

## SIGLENT SDS1000X-E OSCILLOSCOPES

- + 2 - 4 channel
- + 100 MHz - 200 MHz bandwidth
- + 1 GSa/s sample rate
- + 8 Bit A/D converter
- + 14 Mpts memory depth
- + Up to 100.000 wfms/s
- + 7" (17.78 cm) TFT display (800x480 pixel)
- + Serial bus trigger and decoding available as standard (I<sup>2</sup>C, SPI, RS232, CAN, LIN)
- + Versatile trigger functions
- + PictBridge certified (printer support)
- + 3 years warranty



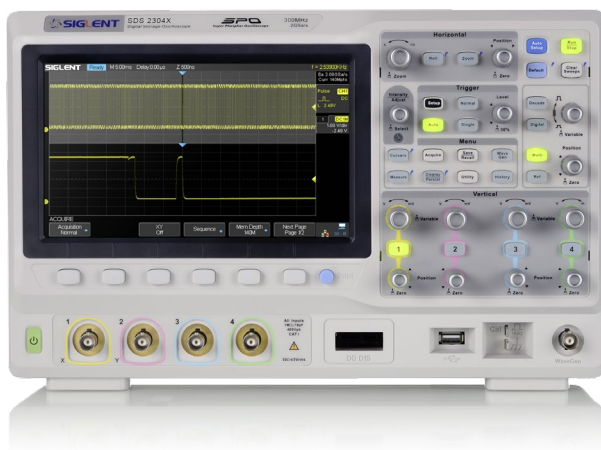
Siglent SDS1000X-E

Model	BANDWIDTH	DECODE	PRICE (NET)*
SDS1002X-E (2 CHANNELS)			
SDS1202X-E	200 MHz	✓	€ 359.-
SDS1004X-E (4 CHANNELS)			
SDS1104X-E	100 MHz	✓	€ 429.-
SDS1204X-E	200 MHz	✓	€ 659.-
<b>SDS1004X-E ACCESSORIES</b>			<b>PRICE (NET)*</b>
SDS1000X-E-FG (license)			€ 95.-
SAG1021 FG module (hardware)			€ 139.-
SDS1000X-E-WIFI (license)			€ 60.-
TL-WN725N WIFI module (hardware)			€ 42.-



## SIGLENT SDS2000X OSCILLOSCOPES

- + 2 - 4 channel
- + 100 MHz - 300 MHz bandwidth
- + 2 GSa/s sample rate
- + 8 Bit A/D converter
- + 140 Mpts memory depth
- + Up to 140.000 wfms/s
- + 8" (20.32 cm) TFT display (800x480 pixel)
- + 16 channel logic analyser and one channel waveform generator option
- + Realtime waveform record, replay, analysis
- + Serial bus decoding (optional)
- + Versatile trigger functions
- + PictBridge certified (printer support)
- + 3 years warranty



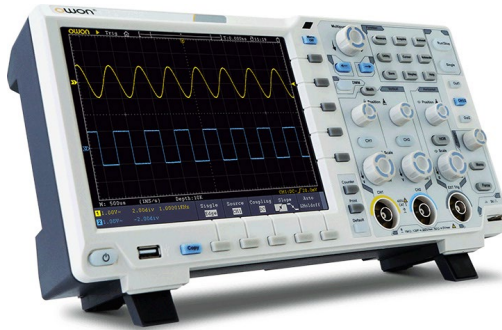
Siglent SDS2000X

SDS2002X (2 CHANNELS)	BANDWIDTH	PRICE (NET)*
SDS2072X	70 MHz	€ 789.-
SDS2102X	100 MHz	€ 989.-
SDS2202X	200 MHz	€ 1375.-
SDS2302X	300 MHz	€ 1905.-
SDS2004X (4 CHANNELS)	BANDWIDTH	PRICE (NET)*
SDS2074X	70 MHz	€ 1099.-
SDS2104X	100 MHz	€ 1405.-
SDS2204X	200 MHz	€ 1869.-
SDS2304X	300 MHz	€ 2529.-

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## OWON XDS3000 OSCILLOSCOPES

- + 2 - 4 channel
- + 60 MHz - 300 MHz bandwidth
- + 1 - 2.5 GSa/s sample rate
- + 8 - 14 Bit A/D converter
- + 40 Mpts memory depth
- + Up to 45.000 wfms/s
- + 8" (20.32 cm) touchdisplay (800x600 pixel)
- + Serial bus decoding (optional)
- + (Plus) version incl. integrated multi-meter and 25 MHz 2 channel waveform generator
- + Battery for 4 hours operating (optional)
- + 3 years warranty



Owon XDS3000

XDS3000 (2 CHANNELS)	BANDWIDTH	A/D RES	PRICE (NET)*
XDS3062A	60 MHz	12 Bit	€ 395.-
XDS3062A Plus	60 MHz	12 Bit	€ 525.-
XDS3102	100 MHz	8 Bit	€ 395.-
XDS3102 Plus	100 MHz	8 Bit	€ 525.-
XDS3102A	100 MHz	12 Bit	€ 571.-
XDS3102A Plus	100 MHz	12 Bit	€ 667.-
XDS3202	200 MHz	8 Bit	€ 708.-
XDS3202 Plus	200 MHz	8 Bit	€ 829.-
XDS3202A	200 MHz	14 Bit	€ 925.-
XDS3202A Plus	200 MHz	14 Bit	€ 1045.-
XDS3302 Plus	300 MHz	8 Bit	€ 925.-
XDS3000 (4 CHANNELS)	BANDWIDTH	A/D RES	PRICE (NET)*
XDS3064E	60 MHz	8 Bit	€ 395.-
XDS3064E Plus	60 MHz	8 Bit	€ 515.-
XDS3104E	100 MHz	8 Bit	€ 430.-
XDS3104E Plus	100 MHz	8 Bit	€ 585.-

## MICSIG TBOOK MINI OSCILLOSCOPES

- + 2 - 4 channel
- + 70 MHz - 100 MHz bandwidth
- + 1 GSa/s sample rate
- + 8 Bit A/D converter
- + 14 - 28 Mpts memory depth
- + Up to 80.000 wfms/s
- + 8" (20.32 cm) touchdisplay (800x600 pixel)
- + FFT (fast fourier transformation)
- + Serial bus decoding (optional)
- + Variety of automatic measurements
- + HDMI to connect an external monitor
- + Battery for 5 hours operating
- + 3 years warranty



MICSIG tBOOK MINI

TO1000 (2 CHANNELS)	BANDWIDTH	PRICE (NET)*
TO1072	70 MHz	€ 349.-
TO1102	100 MHz	€ 389.-

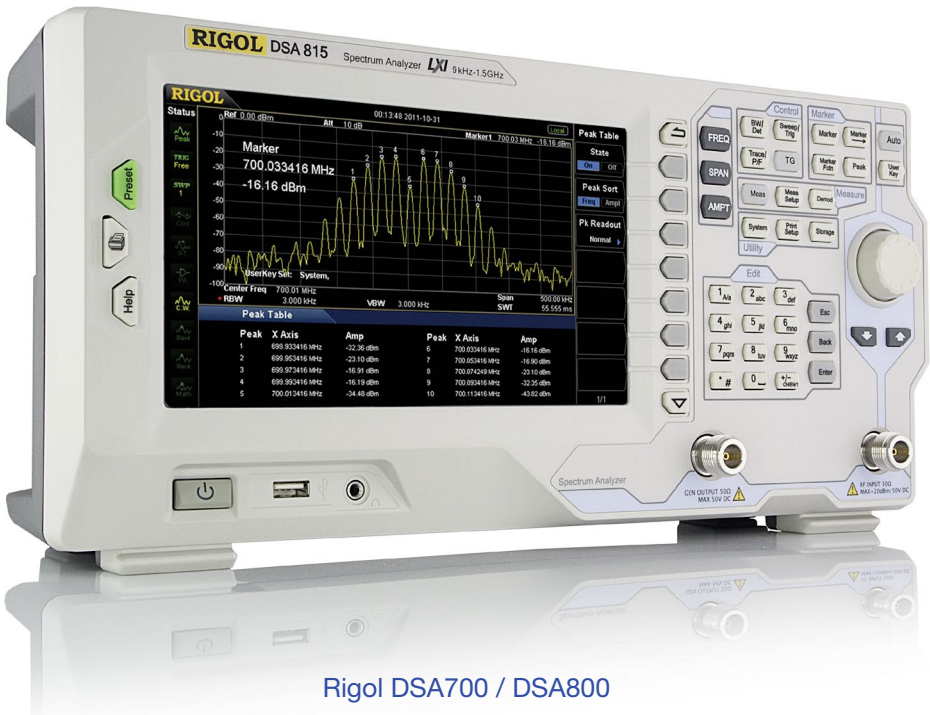
  

TO1000 (4 CHANNELS)	BANDWIDTH	PRICE (NET)*
TO1074	70 MHz	€ 418.-
TO1104	100 MHz	€ 539.-

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## RIGOL DSA700 / DSA800 SPECTRUM ANALYZERS

- + 9 kHz - 7.5 GHz bandwidth
- + RBW down to 10 Hz (100 Hz at DSA700)
- + DANL up to -161 dBm/Hz, normalized to 1 Hz RBW (-130 dBm/Hz at DSA700)
- + 8" (20.32 cm) TFT display (800x480 pixel)
- + USB 2.0 host + device with file system support
- + Tracking generator (TG-Version)
- + Pre-Amplifier included
- + LAN, GPIB (optional)
- + 3 years warranty



Rigol DSA700 / DSA800

DSA700	BANDWIDTH	TG	PRICE (NET)*
DSA705	100 kHz - 500 MHz		€ 649.-
DSA710	100 kHz - 1.0 GHz		€ 919.-

DSA800	BANDWIDTH	TG	PRICE (NET)*
DSA815	9 kHz - 1.5 GHz		€ 1195.-
DSA815-TG	9 kHz - 1.5 GHz	✓	€ 1395.-
DSA832E	9 kHz - 3.2 GHz		€ 2795.-
DSA832E-TG	9 kHz - 3.2 GHz	✓	€ 3295.-
DSA832	9 kHz - 3.2 GHz		€ 4995.-
DSA832-TG	9 kHz - 3.2 GHz	✓	€ 5995.-
DSA875	9 kHz - 7.5 GHz		€ 5995.-
DSA875-TG	9 kHz - 7.5 GHz	✓	€ 7295.-

DSA700 ACCESSORIES	PRICE (NET)*
DSA800-AMK	€ 465.-
DSA800-EMI	€ 499.-
DSA700-SSC-DSA	€ 189.-

DSA800 ACCESSORIES	PRICE (NET)*
DSA EMI Bundle	€ 850.-
DSA800-AMK	€ 465.-
DSA800-DMA	€ 369.-
DSA800-EMI	€ 499.-
DSA800-VSWR	€ 435.-
DSA Ultra Spectrum	€ 195.-
DSA S1210, Pre-Compliance-Software	€ 469.-
DSA-VB1020 + DSA800-VSWR	€ 555.-
DSA-VB1032 + DSA800-VSWR	€ 859.-
DSA-VB1040	€ 795.-
DSA-VB1080 + DSA800-VSWR	€ 649.-



## SIGLENT SSA3000X SPECTRUM ANALYZERS

- ⊕ 9 kHz - 2.1/3.2 GHz bandwidth
  - ⊕ RBW down to 10 Hz
  - ⊕ DANL -161 dBm/Hz, normalized to 1 Hz RBW
  - ⊕ 10.1" (25.65 cm) color TFT display (1024x600 pixel)
- ⊕ USB 2.0 host + device with file system support
  - ⊕ Tracking generator included
  - ⊕ Pre-Amplifier included
  - ⊕ LAN, GPIB (optional)
  - ⊕ 3 years warranty

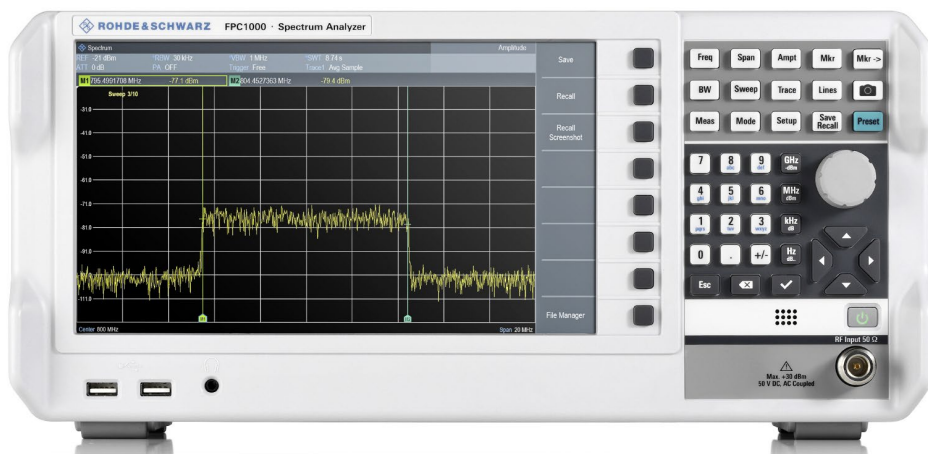


Siglent SSA3000X

SSA3000X	BANDWIDTH	PRICE (NET)*
SSA3021X	9 kHz - 2.1 GHz	€ 1449.-
SSA3032X	9 kHz - 3.2 GHz	€ 2999.-
SSA3000X ACCESSORIES		PRICE (NET)*
EMI-SSA3000X EMI Measurement Option		€ 425.-
AMK-SSA3000X Advanced Measurement Option		€ 395.-
Refl-SSA3000X Reflection Measurement Option		€ 369.-
RBSSA3X20 Bridge for VSMR Measurements (incl. Refl-SSA3000X)		€ 469.-

## ROHDE & SCHWARZ FPC1000 SPECTRUM ANALYZERS

- 5 kHz - 1/2/3 GHz bandwidth
- RBW down to 1 Hz
- DANL -165 dBm/Hz, normalized to 1 Hz RBW
- 10.1" (25.7 cm) display (1366x768 pixel)
- Pre-Amplifier available as option
- WIFI available as option
- 3 years warranty



Rohde & Schwarz FPC1000

FPC1000	BANDWIDTH	PRICE (NET)*
FPC1000	5 kHz - 1 GHz	€ 1530.-
FPC1000 ACCESSORIES		PRICE (NET)*
FPC-B2 Frequency Upgrade 1 GHz - 2 GHz		€ 840.-
FPC-B3 Frequency Upgrade 2 GHz - 3 GHz		€ 840.-
FPC-B200 WIFI Upgrade		€ 290.-
FPC-B22 Pre-amplifier		€ 350.-
FPC-K43 Receiver Mode		€ 490.-
FPC-K7 Modulation analysis		€ 690.-
FPC-K55 Advanced Measurement		€ 490.-

\* Manufacturer's suggested retail price without VAT at the time of print. Visit [www.batronix.com](http://www.batronix.com) for a complete product list and current prices.  
 \* UVP Nettopreise ohne MwSt. zum Zeitpunkt des Druckes. Unser komplettes Angebot mit aktuellen Preisen finden Sie auf [www.batronix.com](http://www.batronix.com).

## RIGOL RSA5000 REALTIME SPECTRUM ANALYZERS

- ⊕ 9 kHz - 3.2/6.5 GHz bandwidth
- ⊕ Up to 40 MHz real-time analysis bandwidth
- ⊕ RBW down to 1 Hz
- ⊕ DANL -165 dBm/Hz, normalized to 1 Hz RBW
- ⊕ 10.1" (25.7 cm) touchdisplay (1024x600 pixel)
- ⊕ Tracking generator (TG-Version)
- ⊕ Pre-Amplifier available as option
- ⊕ Density, spectrogram and other display modes
- ⊕ 1 ms full span sweep
- ⊕ USB, LAN and HDMI interfaces
- ⊕ 3 years warranty

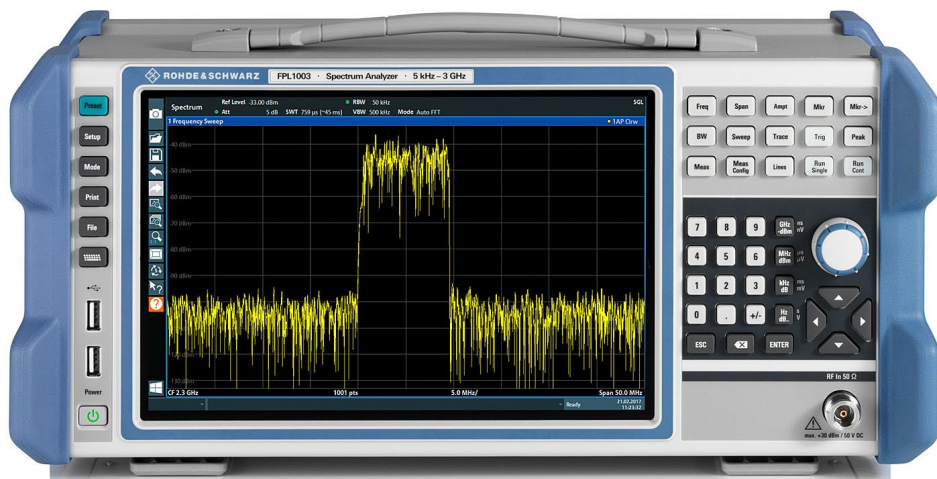


Rigol RSA5000

RSA5000	BANDWIDTH	TG	PRICE (NET)*
RSA5032	3.2 GHz		€ 6895.-
RSA5032-TG	3.2 GHz	✓	€ 7895.-
RSA5065	6.5 GHz		€ 8595.-
RSA5065-TG	6.5 GHz	✓	€ 9595.-
RSA5000 ACCESSORIES			PRICE (NET)*
RSA5000-PA Pre-Amplifier			€ 355.-
RSA5000-AMK Advanced Measurement Kit			€ 495.-
RSA5000-B40 Realtime Analysis Bandwidth			€ 1295.-
OCXO-C08 High Stability Clock			€ 695.-
RM6041 Rack Mount Kit			€ 255.-

## ROHDE & SCHWARZ FPL1000 SPECTRUM ANALYZERS

- + 5 kHz - 3 GHz bandwidth
- + Up to 40 MHz real-time analysis bandwidth
- + RBW down to 1 Hz
- + DANL -167 dBm/Hz, normalized to 1Hz RBW
- + 10.1" (25.7 cm) touchdisplay (1280x800 pixel)
- + Pre-Amplifier available as option
- + Density, spectrogram and other display modes
- + LAN, GPIB (optional)
- + 3 years warranty



Rohde & Schwarz FPL1000

FPL1000	BANDWIDTH	PRICE (NET)*
FPL1000	3 GHz	€ 9480.-
FPL1000 ACCESSORIES		PRICE (NET)*
FPL1-B4 OCXO Reference Frequency		€ 970.-
FPL1-B5 Additional Interfaces		€ 650.-
FPL1-B22 RF Preamplifier		€ 1150.-
FPL1-B30 DC Power Supply 12/24 V		€ 570.-
FPL1-B31 Internal Battery Pack with charging unit		€ 1530.-
FPL1-B40 40 MHz Analysis Bandwidth		€ 3400.-

\* Manufacturer's suggested retail price without VAT at the time of print. Visit [www.batronix.com](http://www.batronix.com) for a complete product list and current prices.  
 \* UVP Nettoppreise ohne MwSt. zum Zeitpunkt des Druckes. Unser komplettes Angebot mit aktuellen Preisen finden Sie auf [www.batronix.com](http://www.batronix.com).

## ROHDE & SCHWARZ FPH SPECTRUM ANALYZERS

- + 5 kHz - 2/3/4 GHz bandwidth
- + RBW down to 1 Hz
- + DANL -163 dBm/Hz, normalized to 1 Hz RBW
- + 7" (18 cm) touchdisplay (800x480 pixel)
- + Pre-Amplifier available as option
- + 8 hour battery life
- + Weight 2.5 kg
- + 3 years warranty



Rohde & Schwarz FPH

FPH SPECTRUM RIDER	BANDWIDTH	PRICE (NET)*
FPH	2 GHz	€ 4280.-
FPH ACCESSORIES		PRICE (NET)*
FPH-B3 Frequency Upgrade 2 GHz - 3 GHz		€ 715.-
FPH-B4 Frequency Upgrade 3 GHz - 4 GHz		€ 715.-
FPH-B22 Preamplifier		€ 355.-
FPH-K7 AM/FM Modulation Analyser		€ 510.-
FPH-K9 Power Sensor Support		€ 450.-
FPH-K15 Interference Analyser		€ 970.-
FPH-K16 Signal Strength Mapping		€ 970.-
FPH-K19 Channel Power Meter		€ 575.-
FPH-K29 Power Sensor		€ 970.-
FPH-K43 Receiver Mode		€ 970.-



## EMV ACCESSORIES

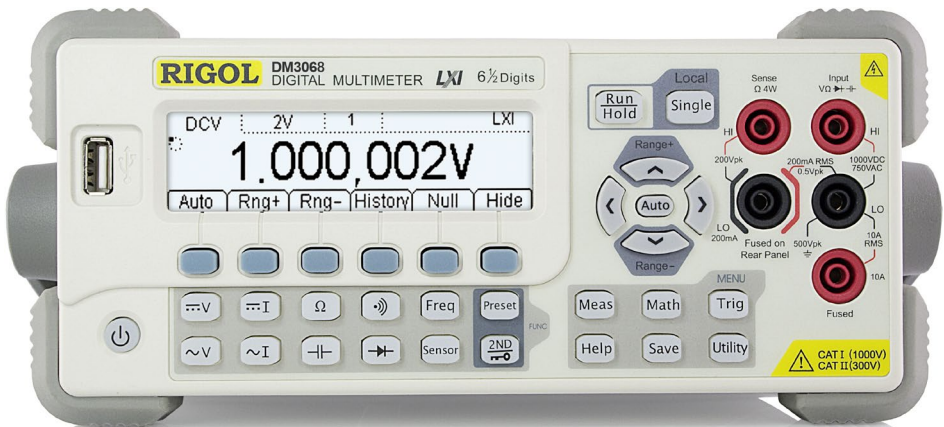


### EMV Accessories

NEARFIELD PROBES	RANGE	PRICE (NET)*
Beehive Probe Set	50 MHz - 3.1 GHz	€ 269.-
Rigol NFP-3	30 MHz - 3 GHz	€ 469.-
Aaronia PBS 1	DC - 9 GHz	€ 1259.-
Aaronia PBS 2 (incl. pre-amplifier)	DC - 9 GHz	€ 2099.-
ANTENNAS	RANGE	PRICE (NET)*
R&S® HA-Z1900 Yagi Antenna	1710 MHz - 1990 MHz	€ 695.-
R&S® HA-Z900 Yagi Antenna	824 MHz - 960 MHz	€ 695.-
R&S® HA-Z350 Log. Per. OEM Antenna	700 MHz - 4 GHz	€ 875.-
R&S® HA-Z340 GPS Antenna		€ 270.-
Aaronia HyperLOG 7025 X (active)	700 MHz - 2.5 GHz	€ 589.-
Aaronia HyperLOG 7040 X (active)	700 MHz - 4 GHz	€ 631.-
Aaronia HyperLOG 4040 X (active)	400 MHz - 4 GHz	€ 757.-
Aaronia HyperLOG 4060 X (active)	400 MHz - 6 GHz	€ 883.-
Aaronia HyperLOG 7025	700 MHz - 2.5 GHz	€ 169.-
Aaronia HyperLOG 7040	700 MHz - 4 GHz	€ 210.-
Aaronia OmniLOG 90200	700 MHz - 2.5 GHz	€ 84.-
Aaronia OmniLOG 70600	680 MHz - 6 GHz	€ 210.-
Aaronia BicoLOG 30100	30 MHz - 1 GHz	€ 589.-
Aaronia BicoLOG 30100 X (active)	30 MHz - 1 GHz	€ 1093.-
Aaronia BicoLOG 20300 X (active)	20 MHz - 3 GHz	€ 2185.-

## RIGOL DM3000 MULTIMETER

- ⊕ 90x25mm graphic LCD (256x64 pixel) with backlight
- ⊕ Measures U/I/R/C and frequencies
- ⊕ Diode & continuity test
- ⊕ Auto range
- ⊕ DM3058(E): Up to 120 measurements per second
- ⊕ DM3068: Up to 10.000 measurements per second
- ⊕ Up to 512k readings memory depth
- ⊕ LXI/LAN/GPIB remote control interfaces (not available at DM3058E)
- ⊕ USB 2.0 host and device (not available at DM3058E)
- ⊕ 3 years warranty



RIGOL DM3000

DM3000	DISPLAY DIGITS	MAX. ACCURACY	MEMORY	PRICE (NET)*
DM3058E	5½	0.015% +0.003%	10 x 2000 Sa	€ 399.-
DM3058	5½	0.015% +0.003%	10 x 2000 Sa	€ 568.-
DM3068	6½	0.0015% +0.0005%	10 x 5000 Sa	€ 699.-

## SIGLENT SDM3000(X) MULTIMETER

- 4.3" (10.92 cm) color TFT display (480x272 pixel)
- Measures U/I/R/C and frequencies
- Diode & continuity test
- Overload protection
- Up to 2.200.000 measurements per second (at SDM3065X)
- 10000 readings memory depth
- LAN remote control interfaces
- GPIB interface at SDM3055A
- USB 2.0 device for PC connection
- 3 years warranty



Siglent SDM3000(X)

SDM3000(X)	DISPLAY DIGITS	MAX. ACCURACY	MEMORY	PRICE (NET)*
SDM3045X	4½	0.01% +5 digits	10k Sa	€ 369.-
SDM3055	5½	0.015% +0.003%	10k Sa	€ 449.-
SDM3055A	5½	0.015% +0.003%	10k Sa	€ 529.-
SDM3065X	6½	0.0015% +0.0015%	10k Sa	€ 689.-

\* Manufacturer's suggested retail price without VAT at the time of print. Visit [www.batronix.com](http://www.batronix.com) for a complete product list and current prices.  
 \* UVP Nettopreise ohne MwSt. zum Zeitpunkt des Druckes. Unser komplettes Angebot mit aktuellen Preisen finden Sie auf [www.batronix.com](http://www.batronix.com).

## UNI-T DIGITAL MULTIMETER

- Measures U/I/R/C
- Diode & continuity Test
- Auto power-off (except UT61D)
- Overload protection
- Shockproof protection
- Approx. 2 measurements per second
- Safety standard UT61 and UT71: CAT III/1000V, CAT IV/600V
- 2 years warranty



**UT61B**  
3 1/2 Digit Multimeter



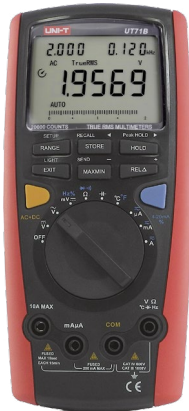
**UT61C**  
3 5/6 Digit Multimeter



**UT61D**  
3 5/6 Digit Multimeter



**UT61E**  
4 1/2 Digit Multimeter



**UT71B**  
4 1/2 Digit Multimeter



**UT71C**  
4 1/2 Digit Multimeter



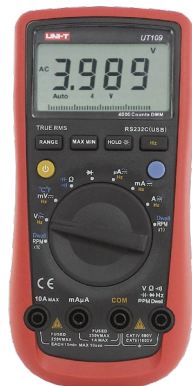
**UT71D**  
4 1/2 Digit Multimeter



**UT71E**  
4 1/2 Digit Multimeter



**UT107**  
3½ Digit Automotive Multimeter



**UT109**  
3¾ Digit Automotive Multimeter

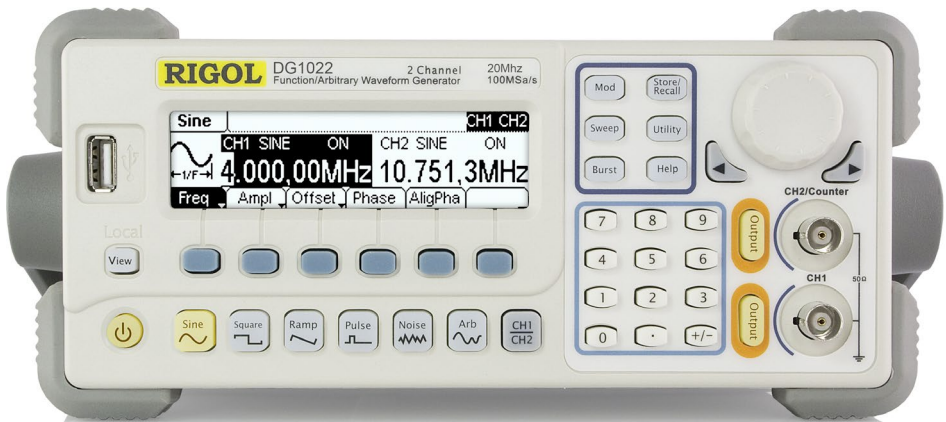
DETAILS	UT61B	UT61C	UT61D	UT61E	UT71B	UT71C	UT71D	UT71E	UT107	UT109
Display digits	3¾	3 5/6	3 5/6	4½	4½	4¾	4¾	4¾	3½	3¾
Max. reading	4000	6000	6000	22000	20000	40000	40000	40000	1999	3999
Best accuracy	0.5%	0.5%	0.5%	0.5%	0.1%	0.025%	0.025%	0.025%	0.5%	0.5%
Frequency	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Temperature	✓	✓			✓	✓	✓	✓	✓	✓
Transistor test					✓	✓	✓	✓		
True RMS			✓	✓	✓	✓	✓	✓		
Auto range	✓	✓	✓	✓	✓	✓	✓	✓		
Rel. measuring	✓	✓	✓	✓	✓	✓	✓	✓		
Data hold	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bargraph	✓	✓	✓	✓	✓	✓	✓	✓		✓
Backlight	✓	✓	✓		✓	✓	✓	✓		✓
USB or RS232	✓	✓	✓	✓	✓	✓	✓	✓		✓
Price (€, net) *	39.-	49.-	55.-	85.-	114.-	119.-	139.-	155.-	31.-	54.-

\* Manufacturer's suggested retail price without VAT at the time of print. Visit [www.batronix.com](http://www.batronix.com) for a complete product list and current prices.  
\* UVP Nettopreise ohne MwSt. zum Zeitpunkt des Druckes. Unser komplettes Angebot mit aktuellen Preisen finden Sie auf [www.batronix.com](http://www.batronix.com).



## RIGOL DG1000 WAVEFORM GENERATORS

- + 2 channel
- + 20 MHz - 25 MHz bandwidth
- + 100 MSa/s sample rate
- + Channel 1 specifications:
  - 14 bit vertical resolution
  - 2 mVpp to 20 Vpp (10 Vpp at 50 Ω)
- + Channel 2 specifications:
  - 10 bit vertical resolution
  - 2 mVpp to 6 Vpp (3 Vpp at 50 Ω)
- + 4 kpts memory depth
- + 256 x 64 pixel monochrome LCD
- + Sine, rectangle, pulse, ramp, 48 predefined arbitrary waveforms, freely definable arbitrary waveforms, noise
- + USB 2.0 USB stick and file system support
- + USB 2.0 device for PC connection
- + 3 years warranty



RIGOL DG1000(A)

DG1000	BANDWIDTH	PRICE (NET)*
DG1022	20 MHz	€ 269.-
DG1022A	25 MHz	€ 375.-

DG1000(A) ACCESSORIES	PRICE (NET)*
PA1011 Power Amplifier	€ 399.-

## RIGOL DG1000Z WAVEFORM GENERATORS

- 2 full, independent and synchronizable channels
- 25 MHz - 60 MHz bandwidth
- 200 MSa/s sample rate
- 14 bit vertical resolution
- 2.5 mVpp to 20 Vpp ( $\leq 10$  MHz, 10 Vpp at 50  $\Omega$ )
- 2.5 mVpp to 10 Vpp ( $\leq 30$  MHz, 5 Vpp at 50  $\Omega$ )
- 2.5 mVpp to 5 Vpp ( $\leq 60$  MHz, 2.5 Vpp at 50  $\Omega$ )
- 2 - 16 Mpts memory depth
- 3.5" (8.9 cm) color TFT display (320x240 pixel)
- Sine, rectangle, pulse, ramp, 160 predefined arbitrary waveforms, freely definable arbitrary waveforms, noise
- USB 2.0 USB stick and file system support
- USB 2.0 device for PC connection
- 3 years warranty



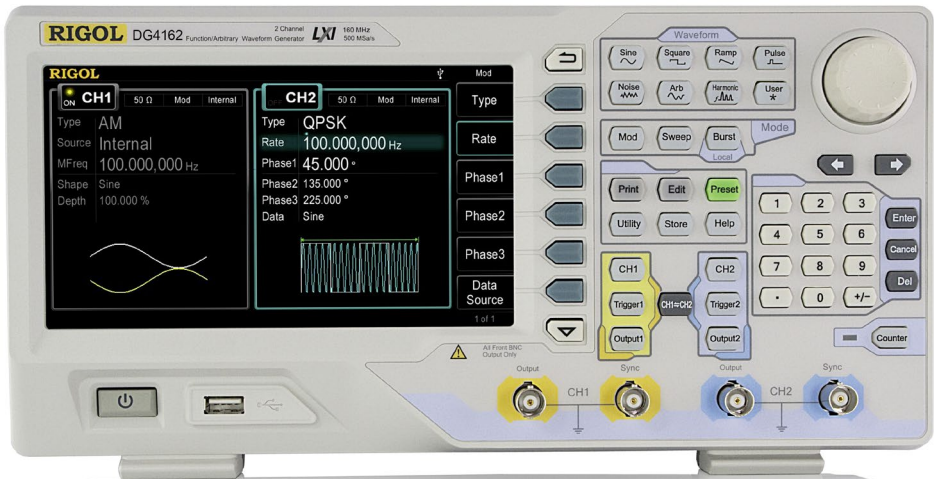
RIGOL DG1000Z

DG1000Z	BANDWIDTH	PRICE (NET)*
DG1022Z	25 MHz	€ 339.-
DG1032Z	30 MHz	€ 469.-
DG1062Z	60 MHz	€ 599.-

DG1000Z ACCESSORIES	PRICE (NET)*
MEM-DG1000Z Memory Option(16 Mpts)	€ 149.-
Ultra Station Advanced Math Editing	€ 99.-
PA1011 Power Amplifier	€ 399.-

## RIGOL DG4000 WAVEFORM GENERATORS

- ⊕ 2 full, independent and synchronizable channels
- ⊕ 60 MHz - 200 MHz bandwidth
- ⊕ 500 MSa/s sample rate
- ⊕ 14 Bit vertical resolution
- ⊕ 16 kpts memory depth
- ⊕ 1 mVpp to 20 Vpp ( $\leq 20$  MHz, 10 Vpp at 50  $\Omega$ )
- ⊕ 1 mVpp to 10 Vpp ( $\leq 60$  MHz, 5 Vpp at 50  $\Omega$ )
- ⊕ 1 mVpp to 5 Vpp ( $\leq 100$  MHz, 2.5 Vpp at 50  $\Omega$ )
- ⊕ 1 mVpp to 2 Vpp ( $\leq 160$  MHz, 1 Vpp at 50  $\Omega$ )
- ⊕ 7.5" (17.18 cm) color TFT display (800x480 pixel)
- ⊕ Sine, rectangle, pulse, ramp, 150 predefined arbitrary waveforms, freely definable arbitrary waveforms, noise
- ⊕ USB 2.0 USB stick support
- ⊕ USB 2.0 device for PC connection
- ⊕ LAN and GPIB included
- ⊕ 3 years warranty

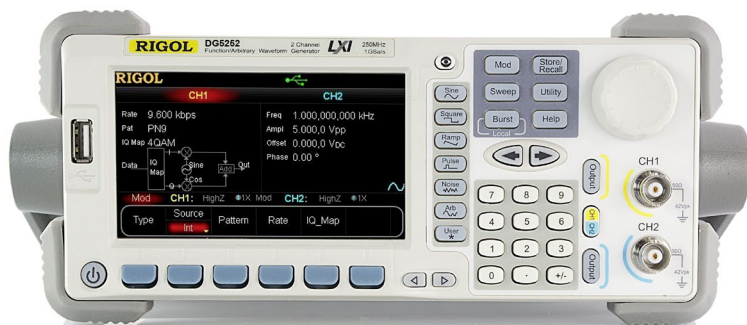


RIGOL DG4000

DG4000	BANDWIDTH	PRICE (NET)*
DG4062	60 MHz	€ 749.-
DG4102	100 MHz	€ 798.-
DG4162	160 MHz	€ 1018.-
DG4202	200 MHz	€ 1679.-
DG1000(A) ACCESSORIES		PRICE (NET)*
PA1011 Power Amplifier		€ 399.-
Ultra Station Advanced Math Editing		€ 99.-

## RIGOL DG5000 WAVEFORM GENERATORS

- + 1 - 2 channel
- + 70 MHz - 350 MHz bandwidth
- + 1 GSa/s sample rate
- + 14 bit vertical resolution
- + 5 mVpp to 20 Vpp ( $\leq 100$  MHz, 10 Vpp at 50  $\Omega$ )
- + 5 mVpp to 10 Vpp ( $\leq 300$  MHz, 5 Vpp at 50  $\Omega$ )
- + 5 mVpp to 4 Vpp ( $\leq 350$  MHz, 2 Vpp at 50  $\Omega$ )
- + 128 Mpts memory depth
- + 4.3" (10.92 cm) color TFT display (480x272 pixel)
- + Sine, rectangle, pulse, ramp, freely definable arbitrary waveforms, noise
- + USB 2.0 USB stick and file system support
- + USB 2.0 device for PC connection
- + LAN and GPIB included
- + 3 years warranty



RIGOL DG5000

DG5000	CHANNEL	BANDWIDTH	PRICE (NET)*
DG5071	1	70 MHz	€ 1607.-
DG5072	2	70 MHz	€ 2361.-
DG5101	1	100 MHz	€ 3303.-
DG5102	2	100 MHz	€ 3859.-
DG5251	1	250 MHz	€ 5656.-
DG5252	2	250 MHz	€ 6910.-
DG5351	1	350 MHz	€ 8295.-
DG5352	2	350 MHz	€ 10995.-

DG5000 ACCESSORIES	PRICE (NET)*
DG5-FH (Frequency Hopping)	€ 2055.-
Ultra Station Advanced Math Editing	€ 99.-

## SIGLENT SDG800/1000 WAVEFORM GENERATORS

- + 1 - 2 channel
- + 5 MHz - 50 MHz bandwidth
- + 125 MSa/s sample rate
- + 14 bit vertical resolution
- + Channel 1 specifications:  
4 mVpp to 20 Vpp ( $\leq 10$  MHz, 10 Vpp at 50  $\Omega$ )  
2 mVpp to 10 Vpp ( $> 10$  MHz, 5 Vpp at 50  $\Omega$ )
- + Channel 2 specifications:  
4 mVpp to 6 Vpp (3 Vpp at 50  $\Omega$ )
- + 16 kpts memory depth
- + 3.5" (8.9 cm) color TFT display (320 x 240 pixel)
- + Sine, rectangle, pulse, ramp, 46 predefined arbitrary waveforms, freely definable arbitrary waveforms, noise
- + USB 2.0 USB stick and file system support
- + USB 2.0 device for PC connection
- + 3 years warranty



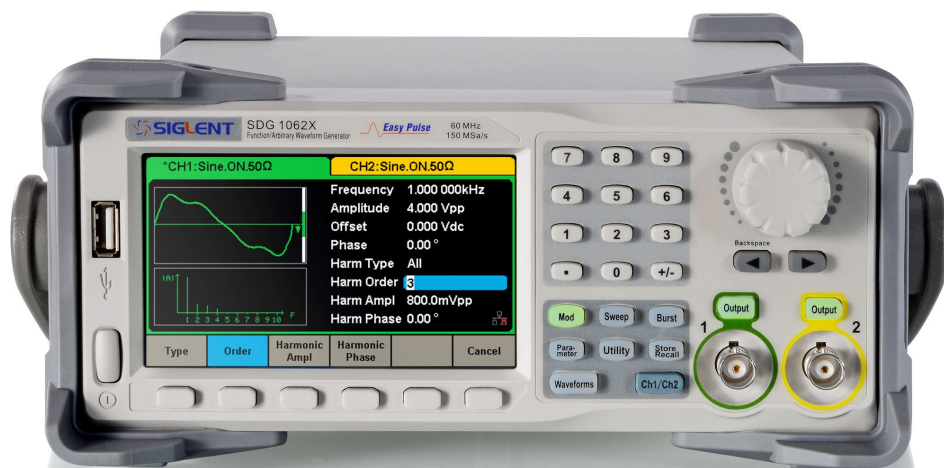
Siglent SDG800

SDG800/1000	CHANNEL	BANDWIDTH	PRICE (NET)*
SDG805	1	5 MHz	€ 199.-
SDG1025	2	25 MHz	€ 319.-
SDG1050	2	50 MHz	€ 419.-

SDG800/1000 ACCESSORIES	PRICE (NET)*
GPIO-USB Adaptor	€ 135.-

## SIGLENT SDG1000X WAVEFORM GENERATORS

- 2 full, independent and synchronizable channels
- 30 MHz - 60 MHz bandwidth
- 150 MSa/s sample rate
- 14 Bit vertical resolution
- 4 mVpp to 20 Vpp ( $\leq 10$  MHz, 10 Vpp at 50  $\Omega$ )
- 4 mVpp to 10 Vpp ( $> 10$  MHz, 5 Vpp at 50  $\Omega$ )
- 16 kpts memory depth
- 4.3" (10.92 cm) color TFT display (480x272 pixel)
- Almost any waveform possible, 196 predefined waveforms
- USB 2.0 USB stick and file system support
- USB 2.0 device for PC connection
- LAN
- 3 years warranty



Siglent SDG1000X

SDG1000X	BANDWIDTH	PRICE (NET)*
SDG1032X	30 MHz	€ 379.-
SDG1062X	60 MHz	€ 419.-

SDG1000X ACCESSORIES	PRICE (NET)*
GPIB-USB Adaptor	€ 135.-



## SIGLENT SDG2000X WAVEFORM GENERATORS

- ⊕ 2 full, independent and synchronizable channels
- ⊕ 40 MHz - 120 MHz bandwidth
- ⊕ 1.2 GSa/s sample rate
- ⊕ 16 Bit vertical resolution
- ⊕ 2 mVpp to 20 Vpp ( $\leq 20$  MHz, 10 Vpp at 50  $\Omega$ )
- ⊕ 2 mVpp to 10 Vpp ( $> 20$  MHz, 5 Vpp at 50  $\Omega$ )
- ⊕ 8 Mpts memory depth
- ⊕ 4.3" (10.92 cm) touch TFT display (480x272 pixel)
- ⊕ Almost any waveform possible, 150 predefined waveforms
- ⊕ USB 2.0 USB stick and file system support
- ⊕ USB 2.0 device for PC connection
- ⊕ LAN
- ⊕ 3 years warranty



Siglent SDG2000X

SDG2000X	BANDWIDTH	PRICE (NET)*
SDG2042X	40 MHz	€ 475.-
SDG2082X	80 MHz	€ 589.-
SDG2122X	120 MHz	€ 855.-

## SIGLENT SDG6000X WAVEFORM GENERATORS

- + 2 full, independent and synchronizable channels
- + 200 MHz - 500 MHz bandwidth
- + 2.4 GSa/s sample rate
- + 16 Bit vertical resolution
- + 2mVpp to 20 Vpp ( $\leq 40$  MHz, 10 Vpp@50  $\Omega$ )
- + 2mVpp to 10 Vpp ( $\leq 120$  MHz, 10 Vpp@50  $\Omega$ )
- + 2mVpp to 5 Vpp ( $\leq 160$  MHz, 10 Vpp@50  $\Omega$ )
- + 2mVpp to 2,5 Vpp ( $\leq 350$  MHz, 10 Vpp@50  $\Omega$ )
- + 2mVpp to 1,28 Vpp (full bw, 10 Vpp@50  $\Omega$ )
- + 20 Mpts memory depth
- + 4.3" (10.92 cm) color TFT display (480x272 pixel)
- + Almost any waveform possible, 196 predefined waveforms
- + USB 2.0 USB stick and file system support
- + USB 2.0 device for PC connection
- + LAN
- + 3 years warranty



Siglent SDG6000X

SDG6000X	BANDWIDTH	PRICE (NET)*
SDG6022X	200 MHz	€ 1309.-
SDG6032X	350 MHz	€ 2959.-
SDG6052X	500 MHz	€ 4619.-

## RIGOL DSG800 SIGNAL GENERATORS

- + 9 kHz - 1.5/3 GHz bandwidth
- + Amplitude accuracy <0.5 dB (typical)
- + Output power -110 dBm to +13 dBm
- + High signal purity. Phase noise: <-105 dBc/Hz@20kHz
- + 2 ppm internal clock (5 ppb optional)
- + AM/FM/ΦM analog modulation
- + Pulse modulation on/off ratio up to 70 dB
- + Pulse train generator as option
- + All modulations support internal and external modulation modes
- + USB 2.0 USB stick and file system support
- + USB/LAN/GPIB remote control interfaces
- + 3 years warranty



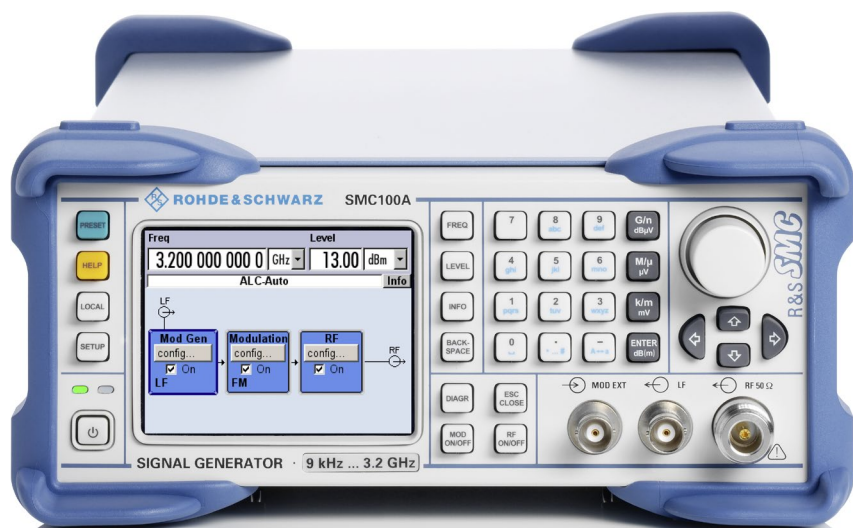
Rigol DSG800

Model	BANDWIDTH	PRICE (NET)*
DSG800		
DSG815	9 kHz - 1.5 GHz	€ 1880.-
DSG830	9 kHz - 3 GHz	€ 3380.-

DSG800 ACCESSORIES	PRICE (NET)*
DSG800 PUM Pulse Modulation	€ 549.-
DSG800 PUG Pulse Train Generator	€ 739.-
DSG800 OCXO-B08	€ 599.-

## ROHDE & SCHWARZ SMC100A SIGNAL GENERATORS

- 9 kHz - 1.1/3.2 GHz bandwidth
- Amplitude accuracy <0.9 dB (typical)
- Output power up to +17 dBm
- High signal purity. Phase noise: <-111 dBc/Hz@20kHz
- AM/FM/ϕM/pulse modulation provided as standard
- Ethernet (TCP/IP)
- USB/LAN/GPIB remote control interfaces
- 3 years warranty



Rohde & Schwarz SMC100A

SMC100A	REF. OSCILLATOR	BANDWIDTH	PRICE (NET)*
SMC100A 1.1	Option	9 kHz - 1.1 GHz	€ 4560.-
SMC100A 1.1-OZ	✓	9 kHz - 1.1 GHz	€ 5570.-
SMC100A 3.2	Option	9 kHz - 3.2 GHz	€ 6560.-
SMC100A 3.2-OZ	✓	9 kHz - 3.2 GHz	€ 7570.-
SMC100A ACCESSORIES			PRICE (NET)*
SMC-B1 Reference Oscillator			€ 1010.-
SMC-K4 GPIB Interface			€ 360.-

\* Manufacturer's suggested retail price without VAT at the time of print. Visit [www.batronix.com](http://www.batronix.com) for a complete product list and current prices.  
 \* UVP Nettopreise ohne MwSt. zum Zeitpunkt des Druckes. Unser komplettes Angebot mit aktuellen Preisen finden Sie auf [www.batronix.com](http://www.batronix.com).

# Power Solutions

- DC Power Supplies
- AC Power Supplies
- DC Electronic Loads
- AC/DC Electronic Loads
- Power Meter



## ITECH POWER SOLUTIONS

DC POWER SUPPLIES	MAX VOLT-AGE	MAX CUR-RENT	MAX POWER	PRICE (NET)*
IT6100	60 V	60 A	540 W	from € 1152.-
IT6100B	72 V	5 A	150 W	from € 685.-
IT6300A/B	60 V	6 A	375 W	from € 428.-
IT6400	60 V	10 A	150 W	from € 1621.-
IT6500	1000 V	1200 A	30000 W	from € 1071.-
IT6700	60 V	8 A	180 W	from € 190.-
IT6700H	1200 V	220 A	3000 W	from € 1077.-
IT6800	72 V	10 A	216 W	from € 410.-
IT6860A	150 V	9 A	180 W	from € 334.-
IT6900A	150 V	25 A	600 W	from € 374.-

AC POWER SUPPLIES	MAX VOLT-AGE	MAX CUR-RENT	MAX POWER	PRICE (NET)*
IT7300	500 V	24 A	3000 W	from € 1517.-
IT7600	300 V	144 A	54000 W	from € 3603.-

DC ELECTRONIC LOADS	MAX VOLT-AGE	MAX CUR-RENT	MAX POWER	PRICE (NET)*
IT8200	30 V	60 A	150 W	from € 333.-
IT8300 regenerative	800 V	3570 A	73500 W	from € 5800.-
IT8500+	800 V	240 A	3000 W	from € 473.-
IT8700	500 V	120 A	600 W	from € 690.-
IT8800	1000 V	750 A	15000 W	from € 671.-
IT8900	1200 V	2500 A	45000 W	from € 16207.-
IT8912E	500 V	15 A	300 W	from € 1457.-

AC/DC ELECTRONIC LOADS	MAX VOLT-AGE	MAX CUR-RENT	MAX POWER	PRICE (NET)*
IT8600	1200 V	3570 A	73500 W	from € 4612.-

POWER METER	MAX VOLT-AGE	MAX CUR-RENT	MAX POWER	PRICE (NET)*
IT9121E	600 V	20 A		from € 1428.-

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## RIGOL DL3000(A) ELECTRONIC LOADS

- ⊕ 4.3" (10.92 cm) LCD TFT
- ⊕ Dynamic mode: up to 30 kHz
- ⊕ Adjustable current rising speed: 0.001 A/μs to 5 A/μs
- ⊕ 4 static modes: CC, CV, CR, CP
- ⊕ 3 dynamic modes: continuous, pulsed, toggled
- ⊕ List function supports editing as many as 512 steps
- ⊕ Built-in RS232/USB/LAN communication interface
- ⊕ 3 years warranty



DL3000(A)

DL3000(A)	MAX VOLTAGE	MAX CURRENT	MAX POWER	PRICE (NET)*
DL3021	150 V	40 A	200 W	€ 439.-
DL3021A	150 V	40 A	200 W	€ 759.-
DL3031	150 V	60 A	350 W	€ 959.-
DL3031A	150 V	60 A	350 W	€ 1429.-
DL3000A ACCESSORIES				PRICE (NET)*
LAN-DL3				€ 89.-
DIGITALO-DL3				€ 89.-
HIRES-DL3				€ 89.-
FREQ-DL3				€ 89.-
SLEWRATE-DL3				€ 89.-

## RIGOL DP700 POWER SUPPLIES

- + 3.5" (8.9 cm) TFT display (320x240 pixel)
- + Display signal curves
- + Programmable timer
- + RS232 interface
- + 3 years warranty



Rigol DP700

DP700	CHANNEL	MAX VOLTAGE	MAX CURRENT	MAX POWER	PRICE (NET)*
DP711	1	30 V	5 A	150 W	€ 295.-
DP712	1	50 V	3 A	150 W	€ 295.-
DP700 ACCESSORIES					PRICE (NET)*
DP7-HI-RES					€ 59.-
DP7-Trigger					€ 59.-
DP7-Timer					€ 59.-

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## RIGOL DP800(A) POWER SUPPLIES

- 3.5" (8.9 cm) TFT display (320x240 pixel)
- Display signal curves
- Programmable timer
- "A" models include LAN, color TFT, 1mV resolution and remote control via SCPI / LabView
- Non-"A" models with monochrome display
- USB 2.0 host with USB stick and file system support, USB 2.0 device for PC connection
- 3 years warranty



Rigol DP800(A)

DP800(A)	CHANNEL	MAX VOLTAGE	MAX CURRENT	MAX POWER	PRICE (NET)*
DP811	1	40 V	10 A	200 W	€ 549.-
DP811A	1	40 V	10 A	200 W	€ 849.-
DP821	2	60 V	10 V	140 W	€ 549.-
DP821A	2	60 V	10 A	140 W	€ 809.-
DP831	3	30 V	5 V	160 W	€ 419.-
DP831A	3	30 V	5 A	160 W	€ 739.-
DP832	3	30 V	3 A	195 W	€ 419.-
DP832A	3	30 V	3 A	195 W	€ 749.-
<b>DP800 ACCESSORIES (INCLUDED AT DP800A)</b>					<b>PRICE (NET)*</b>
DP8-INTERFACE (RS232 and LAN)					€ 119.-
DP8-AFK					€ 89.-
DP8-DIGITAL-IO (4 digital I/O trigger ports)					€ 89.-
DP8-HI-RES (1 mV / 1 mA resolution)					€ 89.-

## SIGLENT SPD3000C/X POWER SUPPLIES

- 4.3" (10.92 cm) color TFT display (480x272 pixel)
- Display signal curves
- Programmable timer
- Remote control via SCPI / LabView
- USB 2.0 device for PC connection
- LAN
- 3 years warranty



Siglent SPD3000C/X

SPD3000C/X	CHANNEL	MAX VOLTAGE	MAX CURRENT	MAX POWER	PRICE (NET)*
SPD3303C	3	32 V	3.2 A	220 W	€ 239.-
SPD3303X-E	3	32 V	3.2 A	220 W	€ 370.-
SPD3303X	3	32 V	3.2 A	220 W	€ 509.-

\* Manufacturer's suggested retail price without VAT at the time of print. Visit [www.batronix.com](http://www.batronix.com) for a complete product list and current prices.  
 \* UVP Nettopreise ohne MwSt. zum Zeitpunkt des Druckes. Unser komplettes Angebot mit aktuellen Preisen finden Sie auf [www.batronix.com](http://www.batronix.com).

## ROHDE & SCHWARZ NGE100 POWER SUPPLIES

- + USB interface (virtual COM port and TMC class)
- + LAN interface (LXI) with integrated-web server
- + Digital trigger in/out (4-bit) on the rear
- + 3 years warranty

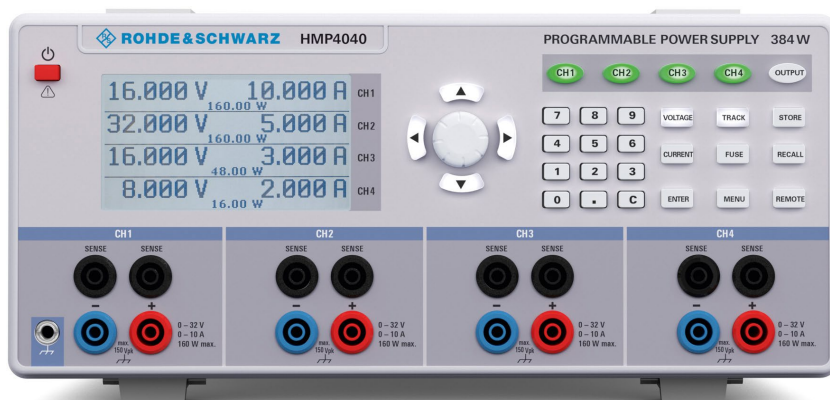


Rohde & Schwarz NGE100

NGE100	CHANNEL	MAX VOLTAGE	MAX CURRENT	MAX POWER	PRICE (NET)*
NGE102	2	32 V	3 A	66 W	€ 650.-
NGE103	3	32 V	3 A	100 W	€ 790.-
NGE100 ACCESSORIES					PRICE (NET)*
NGE-K101 Remote Control via Ethernet					€ 120.-
NGE-K102 Remote Control via Wireless LAN					€ 180.-
NGE-K103 Four Digital Trigger I/O Ports					€ 90.-

## ROHDE & SCHWARZ HMP POWER SUPPLIES

- ⊕ Low residual ripple due to linear post-regulators
- ⊕ Real-time voltage, current and watt values
- ⊕ FuseLink (electronic fuse) freely combinable for all channels
- ⊕ EasyArb function directly programmable at the device
- ⊕ RS-232/USB dual interface, remote control via SCPI based commands
- ⊕ 3 years warranty



Rohde & Schwarz HMP

HMP	CHANNEL	MAX VOLTAGE	MAX CURRENT	MAX POWER	PRICE (NET)*
HMP2020	2	32 V	10 A	188 W	€ 1068.-
HMP2030	3	32 V	5 A	188 W	€ 1288.-
HMP4030	3	32 V	10 A	384 W	€ 1488.-
HMP4040	4	32 V	10 A	384 W	€ 1728.-
HMP ACCESSORIES					PRICE (NET)*
HO732 Dual Interface (Ethernet/USB)					€ 248.-
HO740 IEEE-488 (GPIB) interface					€ 298.-

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## JBC Soldering Solutions

- Compact Stations
- Premium Stations
- Hot Air Stations



## JBC COMPACT SOLDERING STATIONS

- ⊕ Innovative heating system
- ⊕ The most efficient soldering process
- ⊕ Sleep & hibernation
- ⊕ Longer tip life
- ⊕ Quick cartridge extractor
- ⊕ PC communication and firmware updates via USB
- ⊕ 2 years warranty



JBC CD-2BE

STATION	DESCRIPTION	PRICE
CD-2BE	Compact soldering station equipped with T245-A general 130W soldering iron	€ 359.50
CD-2SE	Compact soldering station equipped with T210-A precision 40W soldering iron	€ 391.05
CA-2E	Compact soldering station equipped with AP250-A 130 W solder feed iron	€ 534.60
CP-2E	Compact soldering station equipped with PA120-A micro 2x40W tweezers	€ 569.25
CS-2E	Compact desoldering station equipped with DS360-A 40W desoldering iron and MS-A electric pump	€ 1069.20
CV-2E	Compact desoldering station equipped with DS360-A 40W desoldering iron and MV-A pneumatic pump	€ 1069.20

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## JBC PREMIUM SOLDERING STATIONS

- + Optionally expandable
- + Innovative heating system
- + The most efficient soldering process
- + Sleep & hibernation
- + Longer tip life
- + Quick cartridge extractor
- + PC communication and firmware updates via USB
- + 2 years warranty



JBC RMSE-2D

STATION	DESCRIPTION	PRICE
DIR-2D	Soldering station equipped with T210-A 40W precision soldering iron and a 1 tool control station	€ 589.05
DDSE-2B	Rework station equipped with T245-A 130W soldering iron, DR560-A 160W desoldering iron and a 2 tool control unit	€ 1559.25
DMSE-2A	Rework station equipped with T245-A 130W soldering iron, DR560-A 160W desoldering iron and a 4 tool control unit	€ 1782.00
RMSE-2D	Full rework station equipped with T245-A 130W soldering iron, DR560-A 160W desoldering iron, a 2 tool control unit and a complete hot air station	€ 3120.-
NASE-2B	Nano soldering/desoldering station equipped with NT105-A 14W nano soldering iron and NP105-A nano tweezers	€ 1029.60
DDRE-2B	Robot soldering station equipped with T470-SA 14W soldering iron which provides a 3m connection cable	€ 683.10

## JBC PREMIUM HOT AIR STATIONS

- + Control the air flow and temperature
- + Auto-stop function
- + Rework arm (optional)
- + Quick nozzle extractor
- + PC communication and firmware updates via USB
- + 2 years warranty



JBC JTSE-2A

STATION	DESCRIPTION	PRICE
TESE-2QA	High end hot air station equipped with a TE-TB 300W precision heater hose	€ 1320.-
JTSE-2QA	High end hot air station equipped with a JT-2TA 700W heavy duty heater hose	€ 1395.-
TESE-2A	High end hot air station equipped with a TE-TB 300W precision heater hose and extractor set	€ 1610.-
JTSE-2A	High end hot air station equipped with a JT-2TA 700W heavy duty heater hose	€ 1690.-

\* Manufacturer's suggested retail price without VAT at the time of print. Visit [www.batronix.com](http://www.batronix.com) for a complete product list and current prices.  
 \* UVP Nettopreise ohne MwSt. zum Zeitpunkt des Druckes. Unser komplettes Angebot mit aktuellen Preisen finden Sie auf [www.batronix.com](http://www.batronix.com).

## BATRONIX BX PROGRAMMER

- + USB Powered: No power adapter or batteries necessary.
- + Chip auto identification: Identifies chips automatically by their signature.
- + Multi programmer control: Connect up to 8 programmers to one PC.
- + Automatic programming start: Detects newly inserted chips and can start the programming automatically.

- + Leading programming software: Very convenient and easy to use software included. Windows, Linux and MAC OS-X (beta) support.
- + Worldwide popular: Software and manual are available in 20+ languages already!
- + 5 years warranty
- + Made in Germany



**Batronix BX32 Batupo II**  
32 pin Memory  
Chip Programmer



**Batronix BX40 Bagero II**  
40 pin Memory Chip  
Programmer



**Batronix BX32P Barlino II**  
32 pin Memory  
Chip Programmer



**Batronix BX48 Batego II**  
48 pin Universal Programmer

DETAILS	BX32 II	BX32P II	BX40 II	BX48 II
Socket pins	32	32	40	48
EPROMs, EEPROMs, Flash	✓	✓	✓	✓
SEEPROMs		✓	✓	✓
Microcontroller, PAL, GAL				✓
NAND FLASH				✓
Low voltage support down to	5.0 V	3.0 V	3.0 V	0.9 V
Chip data transfer rate (random data)	6.2 Mb/s	6.2 Mb/s	6.2 Mb/s	51.2
First data rate: Read from parallel Flash	0.6 Mb/s	0.6 Mb/s	0.6 Mb/s	Mb/s
Second data rate: Read from serial EEProm				10.7 Mb/s
Device self test and calibration				✓
Pin contact test and overcurrent protection				✓
Dimensions (cm / inch)	9x8.5x2.5 3.5"x3.3"x1"	9x8.5x2.5 3.5"x3.3"x1"	9x8.5x2.5 3.5"x3.3"x1"	13.7x8.5x2.5 5.4"x3.3"x1"
Weight (without accessories / packaging)	155 g (0.34 lb)	162 g (0.36 lb)	167 g (0.37 lb)	257 g (0.57 lb)
Warranty	5 Years	5 Years	5 Years	5 Years
Price (net) *	€ 108.82	€ 134.03	€ 209.66	€ 417.65

\* Manufacturer's suggested retail price without VAT at the time of print. Visit [www.batronix.com](http://www.batronix.com) for a complete product list and current prices.  
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## BATRONIX - REFERENCES

Our products are already being used successfully by more than 50.000 customers in more than 150 countries. In the following, we have made an alphabetic listing of the best known customers. Aside from many mid-sized companies, the big names in the trade as well as authorities and institutes regard our products highly:



For orders above 200 Euro (net amount), we do not charge for shipping within all countries of the EU!

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MAX-PLANCK-GESellschaft

**AIRBUS**

Technische Universität München

**BOSCH**

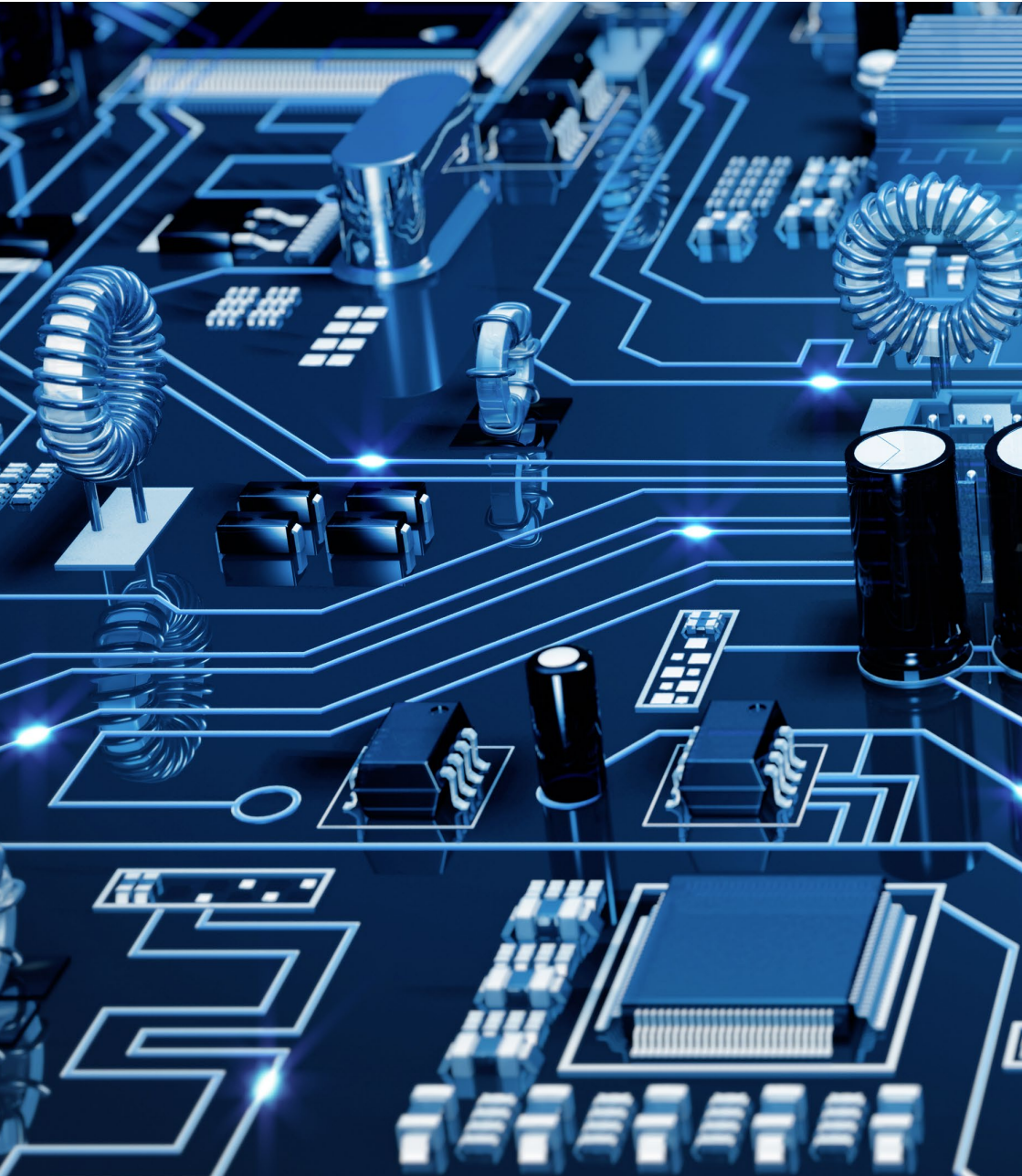
## BATRONIX - REFERENZEN

Unsere Produkte und Software werden bereits bei über 50.000 Kunden in mehr als 150 Ländern der Erde erfolgreich eingesetzt. Nachfolgend haben wir Ihnen einen Auszug der bekanntesten Kunden alphabetisch sortiert aufgelistet. Neben vielen Mittelständischen Unternehmen wissen auch die Großen der Branche sowie Behörden und Institute unsere Produkte zu schätzen.



E SHIPPING





Batronix GmbH & Co. KG  
Handelsweg 16  
24211 Preetz, Germany

Tel +49 4342 90786-0  
service@batronix.com  
www.batronix.com