

Electronic Testing and Measuring Instruments

Selection Guide



About RIGOL

Founded in 1998, RIGOL TECHNOLOGIES CO., LTD. (STAR: 688337.SH), is a global leader in electronic measurement instruments. Our focus lies in spreading the development and breakthroughs of cutting-edge technology in the realm of general electronic measurement instruments. With the mission of "Enabling Technology Exploration, Empowering Possibilities and More", we bring together talented individuals with great potential and visionary aspirations to deliver testing and measuring products and solutions that accelerate technological innovation.

RIGOL steadfastly upholds a commitment to original technology innovation, prioritizing independent research and development of key core technologies. Our brand footprint extends across more than 90 countries and regions worldwide, ensuring customers in the testing and measurement industries have access to RIGOL's versatile electronic measurement products. Our offerings include digital oscilloscopes, RF signal generators, waveform generators, power supplies, electronic loads, multimeters, and data acquisition tools. Continuously innovating our product lines, we provide multi-level solutions at the chip, module, and system levels. These solutions cater to the diverse needs of customers in sectors such as communications, renewable energy, automotive, semiconductors, educational research, and system integration. By empowering our customers with these innovative solutions, we enable them to unlock a realm of possibilities and achieve more in their endeavors.

Headquartered in Suzhou, China, RIGOL has established its research and development centers in Beijing, Shanghai, and Xi'an. Additionally, RIGOL has set up its overseas subsidiaries in Portland (U.S.A), Munich (Germany), Tokyo (Japan), Seoul (Korea), Penang (Malaysia), and Singapore. In alignment with our commitment to meeting the evolving technology challenges faced by our customers, RIGOL has established international marketing representative offices in key cities such as Bangalore, Sao Paulo, and Hanoi, to support our customers better. Through our dedicated local technology experts and partners, RIGOL has demonstrated its commitment to creating value for over 100,000 customers around the globe.

RIGOL holds self-developed core intellectual property rights, continually fortifying our technical prowess in the high-end testing and measuring domain. As of December 31, 2023, we've secured 461 authorized patents, among which 397 are invention patents. Notably, RIGOL's core technology was honored with the 24th China Patent Gold Award. Recognized as one of the fifth batch of "little giant" firms, we've also achieved notable mentions, including appearances on the Top 500 Chinese Enterprise Patent list for 2019, 2020, and 2022. In 2023, we were bestowed the prestigious title of "National Intellectual Property Demonstration Enterprise." Our accolades extend to over 70 prizes, encompassing esteemed recognitions such as the "Second Prize of Science and Technology of China Machinery Industry," "Excellent Prize of Suzhou Patent Award," "R&D100 Awards," "Suzhou Quality Award," and "World Electronics Achievement Awards."

RIGOL also holds various qualifications, including membership in the International Bus LXI Alliance and CNAS certification for our laboratory. Engaging actively in standardization efforts, RIGOL serves as a member of the 5th National Technical Committee for Standardization of Electronic Measuring Instruments. In this capacity, RIGOL has participated in the drafting and formulation of ONE National standard, contributed significantly to leading the drafting and formulation of three industry general specifications

RIGOL Product Line

- **Ø** Digital Oscilloscope
- **Waveform Generator**
- Spectrum Analyzer
- **X** RF Signal Generator
- OPPOSE Supply and Electronic Load
- **Ø** Digital Multimeter
- **⊘** Data Acquisition















DS and MSO Series Oscilloscope Table

| | | | | | | Ma | x. Bandı | width (N | 1Hz) | | | | | | No. of | No. of | Max. Real- | Vertical | Max. Memory | | . 65 |
|----------|----|----|-----|-----|-----|-----|----------|----------|------|------|------|------|------|------|--------------------|---------------------|---------------------|------------|-----------------|-------------------------------|------------------------|
| Model | 50 | 70 | 100 | 150 | 200 | 350 | 500 | 600 | 750 | 1000 | 1500 | 2000 | 3000 | 5000 | Analog Channels | Digital Channels | time Sample Rate | Resolution | Depth | Built-in Signal Source | LCD |
| DS70000 | | | | | | | | | | | | | • | • | 4 | N/A | 20 GSa/s | 8-bit | 2 Gpts (Opt.) | N/A | 15.6-inch 1920×1080 |
| DS8000-R | | | | | | • | | | | • | | • | | | 4 | N/A | 10 GSa/s | 8-bit | 500 Mpts | 1-CH, 25 MHz (Opt) | N/A |
| MSO8000A | | | | | | | | | • | | • | • | | | 4 | 16 | 10 GSa/s | 8-bit | 500 Mpts | 2-CH, 25 MHz (Opt.) | 10.1-inch 1024×600 |
| MSO8000 | | | | | | | | • | | • | | • | | | 4 | 16 | 10 GSa/s | 8-bit | 500 Mpts | 2-CH, 25 MHz (Opt.) | 10.1-inch 1024×600 |
| MSO7000 | | | • | | • | • | • | | | | | | | | 4 | 16 | 10.052/5 | 8-bit | EOO Mats (Opt.) | 2-CH, 25 MHz (Opt.) | 10.1-inch |
| DS7000 | | | • | | • | • | • | | | | | | | | 4 | N/A | 10 GSa/s | 8-010 | 500 Mpts (Opt.) | N/A | 1024×600 |
| | | | | • | | | | | | | | | | | 2 | 16 | 4 GSa/s | | 100 Mpts | 1-CH, 25 MHz (Opt.) | |
| MSO5000 | | • | • | | | | | | | | | | | | 2 | | 8 GSa/s | 8-bit | 200 Mats (Opt.) | 2-CH, 25 MHz (Opt.) | 9-inch 1024×600 |
| | | • | • | | • | • | | | | | | | | | 4 | | 0 03a/5 | | 200 Mpts (Opt.) | 2-Cn, 23 Mn2 (Opt.) | |
| | | | • | | • | | | | | | | | | | 2 | N/A | | | | | |
| DS1000Z | • | | | | | | | | | | | | | | | IN/A | 1 GSa/s | 8-bit | 24 Mpts | N/A | 7-inch |
| D310002 | | • | • | | | | | | | | | | | | 4 | 16 | 1 03a/3 | 0-010 | 24 Mpts | | 800×480 |
| | | • | • | | | | | | | | | | | | | 10 | | | | 2-CH, 25 MHz | |

High-Resolution Digital Oscilloscope Selection Table

| Model | | | Ma | x. Bandwidth (M | lHz) | | | No. of | No. of | Max. Real-time | Vertical | Max. Memory | Built-in Signal | LCD |
|---------|----|-----|-----|-----------------|------|-----|-----|--------------------|---------------------|----------------|------------|-----------------|-----------------|-----------------------|
| Model | 70 | 100 | 125 | 200 | 250 | 400 | 800 | Analog Channels | Digital Channels | Sample Rate | Resolution | Depth | Source | LCD |
| DHO4000 | | | | • | | • | • | 4 | N/A | 4 GSa/s | 12-bit | 500 Mpts (Opt.) | N/A | 10.1-inch 1280×800 |
| | • | • | | • | | | | 2 | | | | 100 Mats (Oat) | | |
| DU01000 | • | • | | • | | | | 4 | N1/A | 2.66-7- | 12 64 | 100 Mpts (Opt.) | NI/A | 10.1-inch |
| DHO1000 | | | | • | | | | 2 | N/A | 2 GSa/s | 12-bit | FO M-+- | N/A | 1280×800 |
| | | | | • | | | | 4 | | | | 50 Mpts | | |
| DITOUGO | | | • | | • | | | 4 | 16 | 1.25 (Co./o | 12 64 | FO Marta | N/A | 7-inch |
| DHO900 | | | • | | • | | | 4 | 16 | 1.25 GSa/s | 12-bit | 50 Mpts | 1-CH, 25 MHz | 1024×600 |
| DUOSOO | • | • | | | | | | 2 | NI/A | 1.2F.CCa/a | 12 bi+ | 25 Moto | NI/A | 7-inch |
| DHO800 | • | • | | | | | | 4 | N/A | 1.25 GSa/s | 12-bit | 25 Mpts | N/A | 1024×600 |

Five Key Specifications for Oscilloscope Selection

| Bandwidth | Sample Rate | Vertical Resolution | Memory Depth | Digital Channel |
|--|---|---|--|--|
| The bandwidth of the oscilloscope determines the frequency range that the oscilloscope can accurately measure. A general rule of thumb is that the oscilloscope bandwidth shall be 5 times higher than the frequency of the signal under test. | which the instrument samples the data. The higher sample rate provides better resolution and more details of the signal | The vertical resolution determines the instrument's ability to accurately display and measure small voltage changes within a signal. The higher the vertical resolution, the more detailed voltage variation of the signal can be accurately displayed. | Memory depth describes the number of points that can be captured and stored. Generally speaking, a deeper memory depth allows for the capturing of waveforms over longer periods or maintains a higher sample rate across a wider time base range. | Mixed signal oscilloscopes (MSOs) not only allow you to observe analog signals up to 4 channels but also enable the capturing, triggering, and analysis of signals up to 16 digital channels simultaneously. Additionally, they facilitate analysis of parallel bus signals. |



DS70000 Series Digital Oscilloscopes



DS8000-R Series Digital Oscilloscopes



MSO8000 Series Digital Oscilloscopes



MSO7000 Series Digital Oscilloscopes



DHO4000 Series Digital Oscilloscopes



DHO900 Series Digital Oscilloscopes

Probe Model

| | Probe Category | | Product Model | Key Specifications | DS70000 | DS8000-R | MSO8000/A | MSO/DS7000 | MSO5000 | DHO900 | DHO800 | DHO4000 | DHO1000 | DS1000Z | DS1000Z-E |
|---------|----------------------|------------------------------|--|--|---------|----------|-----------|------------|---------|--------|--------|---------|---------|---------|-----------|
| | | | PVP2150 | 150 MHz, 10:1/1:1, Passive High-Impedance Probe (single) | | | | • | • | • | • | • | • | • | • |
| | | | PVP2350 | 350 MHz, 10:1/1:1, Passive High-Impedance Probe (single) | | | | • | • | • | • | • | • | • | • |
| | | | PVP3150 | 150 MHz,10:1/1:1, Passive High-Impedance Probe (single) | | | | • | • | • | • | • | • | • | • |
| | | | RP3500A | 500 MHz Passive High-impedance Probe | • | • | • | • | | | | • | | | |
| | Passive Pro | oes | RP5600A | 600 MHz Passive High-impedance Probe | • | • | • | • | | | | | | | |
| | | | RP6150A | 1.5 GHz Passive Low-Impedance Probe (500 ohm) | • | • | • | • | | | | • | | | |
| | | | RP1010H | 10 kV 50 MHz High-Voltage Probe | • | • | • | • | • | • | • | • | • | • | • |
| | | | RP1018H | 18 kV 150 MHz High-voltage Probe | • | • | • | • | • | • | • | • | • | • | • |
| | | | RP1300H | 300 MHz High-Voltage Probe (2 kV) | • | • | • | • | • | • | • | • | • | • | • |
| | | | PHA0150 | High-Voltage Differential Probe, DC-70 MHz, 1500 V | • | • | • | • | • | • | • | • | • | • | • |
| Voltage | | | PHA1150 | High-Voltage Differential Probe, DC-100 MHz, 1500 V | • | • | • | • | • | • | • | • | • | • | • |
| Probes | | High-Voltage Differential | PHA2150 | High-Voltage Differential Probe, DC-200 MHz, 1500 V | • | • | • | • | • | • | • | • | • | • | • |
| | | Probes | RP1025D | 25 MHz, 1.3 kV | • | • | • | • | • | • | • | • | • | • | • |
| | | | RP1050D | 50 MHz, 6.5 kV | • | • | • | • | • | • | • | • | • | • | • |
| | Differential | | RP1100D | 100 MHz, 6.5 kV | • | • | • | • | • | • | • | • | • | • | • |
| | Active Probes Probes | | PVA7250 | 2.5 GHz Active Differential Probe | • | • | • | • | | | | • | | | |
| | | Law Valtage | RP7080 | 800 MHz Active Differential Probe | • | • | • | • | | | | • | | | |
| | | Low-Voltage Differential | RP7150 | 1.5 GHz Active Differential Probe | • | • | • | • | | | | • | | | |
| | | Probes | PVA8350 | 3.5 GHz Active Differential Probe | • | • | • | • | | | | | | | |
| | | | PVA8700 | 7 GHz Active Differential Probe | • | | | | | | | | | | |
| | | | RP7080S | 800 MHz Active Single-ended Probe | • | • | • | • | | | | • | | | |
| | Single-e | nded Probes | RP7150S | 1.5 GHz Active Single-ended Probe | • | • | • | • | | | | • | | | |
| | | | PCA1030 | Current Probe: 50 MHz, 30 A | • | • | • | • | | | | • | | | |
| | | | PCA1150 | Current Probe: 10 MHz, 150 A | • | • | • | • | | | | • | | | |
| | | | PCA1500 | Current Probe: 2 MHz, 500 A | • | | • | | | | | • | | | |
| | | | PCA2030 | Current Probe: 100 MHz, 30 A | • | • | • | • | | | | • | | | |
| | | | RP1000P | 4-CH Power Supply | • | • | • | • | • | • | • | • | • | • | • |
| | Current Probes | | RP1001C | 300 kHz, 100 ADC | • | • | • | • | • | • | • | • | • | • | • |
| | | | RP1002C | 1 MHz, 70 ADC | • | • | • | • | • | • | • | • | • | • | • |
| | | | RP1003C | 50 MHz, 30 A, required to purchase the RP1000P power supply | • | • | • | • | • | • | • | • | • | • | • |
| | | | RP1004C | 100 MHz, 30 A, required to purchase the RP1000P power supply | • | • | • | • | • | • | • | • | • | • | • |
| | | RP1005C | 10 MHz, 150 A, required to purchase the RP1000P power supply | • | • | • | • | • | • | • | • | • | • | • | |
| | | | RP1006C | 2 MHz, 500 A, required to purchase the RP1000P power supply | • | • | • | • | • | • | • | • | • | • | • |
| | | | PLA2216 | 16-channel Logic Analyzer Probe | | | | | • | • | | | | | |
| | Logic Analyzer Probe | S | RPL2316 | 16-channel Logic Analyzer Probe | | | • | • | | | | | | | |
| | | | RPL1116 | 16-channel Logic Analyzer Probe | | | | | | | | | | • | |

Function/Arbitrary Waveform Generators

Configuration Table

| Model | | | | | Max | . Freque | ency (M | Hz) | | | | | СН | Max. Sample Rate | Arb Memory Depth | Waveform Generation | Modulation |
|-----------|----|----|----|----|-----|----------|---------|-----|-----|-----|-----|------|-----|---|---|------------------------|--|
| iviodei | 25 | 30 | 50 | 60 | 70 | 100 | 150 | 160 | 200 | 250 | 350 | 5000 | СП | Max. Sample Nate | Alb Melliory Deptil | Technology | Wodulation |
| DG70000 | | | | | | | | | | | | • | 2/4 | 10 GSa/s for real output 12 GSa/s for complex output | 1.5 Gpts | SiFi III | IQ Modulation (Opt.) |
| DG5000 | | | | | • | • | | | | • | • | | 1/2 | 1 GSa/s | 128 Mpts | DDS | AM, FM, PM, ASK, FSK, PSK, PWM, IQ |
| DG4000 | | | | • | | • | | • | • | | | | 2 | 500 MSa/s | 16 kpts | DDS | AM, FM, PM, ASK, FSK, PSK, BPSK, QPSK, 3FSK, 4FSK, OSK, PWM |
| DG2000 | | | • | | • | • | | | | | | | 2 | 250 MSa/s | 16 Mpts | SiFi II | AM, FM, PM, ASK, FSK, PSK, PWM |
| DG1000Z | • | • | | • | | | | | | | | | 2 | 200 MSa/s | 8 Mpts/2 Mpts (DG1022Z) (16 Mpts opt.) | SiFi | AM, FM, PM, ASK, FSK, PSK, PWM |
| DG900 Pro | | | | | • | | • | | • | | | | 2 | 1.25 GSa/s | 16 Mpts (32 Mpts opt.) | SiFi II | AM, FM, PM, ASK, FSK, PSK, PWM, SUM |
| DG800 Pro | • | | • | | | | | | | | | | 1/2 | 625 MSa/s | 2 Mpts (8 Mpts opt.) | SiFi II | AM, FM, PM, ASK, FSK, PSK, PWM, SUM |

Models and Options

| | DG | 70000 Series | DG! | 5000 Series | DG ⁴ | 1000 Series | DG2 | 2000 Series | DG1 | 000Z Series | D | G900 Pro | | G800 Pro |
|--------|-------------------|--|----------------------|--|----------------------|--|----------------------|--|----------------------|--|------------------|--|------------------|---|
| | DG70000- 3RL | 1.5 G Sample Points/ CH Upgrade Option | PATUTT | Power Amplifier | PA1011 | Power Amplifier | UltraStation Adv. | Advanced Arbitrary Waveform Editing Software | PA1011 | Power Amplifier | DG900Pro- 3RL | 32 Mpts/CH Memory Depth Upgrade Option | DG800Pro- 3RL | 8 Mpts/CH Memory Depth Upgrade Option |
| Option | DG70000- SEQ | Complex Sequence Function | UltraStation Adv. | Advanced Arbitrary Waveform Editing Software | UltraStation Adv. | Advanced Arbitrary Waveform Editing Software | | | Arb16- MDG1000Z | 16 Mpts Memory Option | | | DG800Pro- DCH | Two-channel Upgrade Option (for DG821 Pro only) |
| Option | DG70000- DC | DC Amplifier Output | | | | | | | UltraStation Adv. | Advanced Arbitrary Waveform Editing Software | | | | |
| | DG70000- DIGUP | Digital Up Converter (DUC) and IQ Modulation | | | | | | | | | | | | |

Spectrum Analyzers

| Model | | | Fr | equen | cy Ban | d | | | RBW | Real-time/ Analysis | VSA | EMI | Advanced Meas. | ACV/ECV | EMI | VSWR | Tracking | VNA | Preamp | осхо |
|--------------|-----|---|-----|-------|--------|-----|-----|-----|----------------|------------------------|----------|---------------|----------------|----------------------|------------------|--------|------------|------|-----------------|----------|
| Model | 0.5 | 1 | 1.5 | 3 | 3.2 | 4.5 | 6.5 | 7.5 | KDVV | Bandwidth | VJA | LIVII | Advanced Meas. | ASKITSK | LIVII | VSVVK | Generator | VIVA | rieamp | OCAO |
| RSA5000N | | | | | • | | • | | 1 Hz ~ 10 MHz | 25 MHz | RSA5000- | RSA5000-EMI | RSA5000-AMK | RSA5000- | Std. | Std. | Std. | Std. | RSA5000-PA | OCXO-C08 |
| RSA5000/-TG | | | | | • | | • | | 1 HZ ~ 10 WHZ | (Opt. 40 MHz) | VSA | KSA3000-EIVII | KSASUUU-AIVIK | VSA | Std. | Std. | -TG Model | N/A | K3A3UUU-PA | OCXO-C06 |
| RSA3000N | | | • | • | | • | | | 1 Hz ~ 3 MHz | 10 MHz | | RSA3000-EMI | RSA3000-AMK | N/A | RSA3000- | Std. | Std. | Std. | RSA3000-PA | |
| RSA3000/-TG | | | | • | | • | | | (Opt. 10 MHz) | (Opt. 25/40 MHz) | N/A | KSASUUU-EIVII | KSASUUU-AIVIK | IN/A | EMC | Std. | | N/A | K3A3UUU-PA | OCXO-C08 |
| RSA3000E/-TG | | | • | • | | | | | 1 Hz ~ 3 MHz | 10 MHz | | RSA3000E-EMI | RSA3000E-AMK | RSA3000E- ASK/FSK | RSA3000E- EMC | Std. | -TG Model | N/A | RSA3000E-PA | |
| DSA800/-TG | | | • | | • | | | • | 10 Hz ~ 1 MHz | N/A | N/A | S1220 | AMK-DSA800 | S1220 | EMI-DSA800 | VSWR- | -TG Model | N/A | Built-in, Std. | N/A |
| DSA800E/-TG | | | | | • | | | | 10 HZ ~ 1 WHZ | N/A | IN/A | 31220 | AIVIN-DSA600 | 31220 | EIVII-D3A600 | DSA800 | - IG Model | N/A | Duiit-III, Sta. | IN/A |
| DSA700 | • | • | | | | | | | 100 Hz ~ 1 MHz | N/A | N/A | N/A | AMK-DSA800 | N/A | EMI-DSA800 | N/A | N/A | N/A | Built-in, Std. | N/A |

RF Signal Generators

| Model | 1.5 | 2.1 | F i | requen 3.6 | icy Bai | | 13.6 | 20 | СН | Amplitude Range | Reference Clock Stability | Phase Noise | Modulation | осхо | Pulse Train | IQ Modulation | IQ PC Software |
|-------------|-----|-----|------------|---------------|---------|---|------|----|---------|---|--|--|-----------------------|----------|-----------------|---------------------------|---------------------|
| DSG5000 | | | | | | • | | • | 2/4/6/8 | -30 dBm ~ +25 dBm | <0.5 ppm <5 ppb (with option OCXO-D08) | -133 dBc/Hz @ 1 GHz, 10 KHz offset (typ.) | AM, FM, ØM, Pulse | OCXO-D08 | DSG5000- PUG | N/A | N/A |
| DSG3000B-IQ | | | | | • | | • | | 1 | -110 dBm ~ +20 dBm (-110 dBm to +13 dBm for 13.6G model) | <1 ppm <5 ppb | -116 dBc/Hz @ 1 GHz, | AM, FM, ØM, Pulse, IQ | OCXO-B08 | DSG3000B- | Std. | Ultra IQ Station |
| DSG3000B | | | | | • | | • | | 1 | -110 dBm ~ +20 dBm | (with option OCXO-B08) | 20 KHz offset (typ.) | AM, FM, ØM, Pulse | OCAO BOO | PUG | N/A | N/A |
| DSG800A | | • | | • | | | | | 1 | -110 dBm ~ +13 dBm | <2 ppm <5 ppb | -112 dBc/Hz @ 1 GHz, | AM, FM, ØM, Pulse, IQ | OCXO-B08 | DSG800- | Std. for DSG800A model | Ultra IQ Station |
| DSG800 | • | | • | | | | | | 1 | -110 dBm ~ +13 dBm | (with option OCXO-B08) | 20 KHz offset (typ.) | AM, FM, ØM, Pulse | | PUG | N/A | N/A |



DG70000 Series Arbitrary Waveform Generator



DG1000Z Series Function/Arbitrary Waveform Generator



DG900 Pro Series Function/Arbitrary Waveform Generator



RSA5000 Series Spectrum Analyzer



RSA3000 Series Spectrum Analyzer



DG5000 Series Microwave Signal Generator



DSG3000B Series RF Signal Generator

Programmable DC Electronic Loads

| Model | Power | Voltage | Current | Freq. | High Frequency Option | Current Slew Rate | High Slew Rate Option | Voltage Readback Resolution | Current Readback Resolution | Readback Resolution Option | Interface | PC Software |
|---------|-------|---------|---------|--------|-----------------------------|----------------------|--------------------------|-----------------------------------|-----------------------------------|----------------------------------|-----------------------------------|----------------|
| DL3021 | 200 W | | 40 A | | | | CL EVA/D ATE | | | | USB Host, USB Device, | |
| DL3031 | 350 W | 150 V | 60 A | 15 kHz | FREQ-DL3 | 2.5 A/us | SLEWRATE- DL3 | 0.1 mV | 1 mA | HIRES-DL3 | RS232, LAN (opt., LAN- DL3) | Ultra Load |
| DL3021A | 200 W | | 40 A | 20 111 | G. 1 | 3.0 A/us | C. 1 | | 0.4 | G. 1 | USB Host, | |
| DL3031A | 350 W | | 60 A | 30 kHz | Std. | 5.0 A/us | Std. | | 0.1 mA | Std. | USB Device, RS232, LAN | |

Digital Multimeters

| Model | Resolution | Accuracy | Measurement Function | Interface |
|---------|------------|----------|---|------------------------------|
| DM858E | 5.5 digits | 600 ppm | DCV, DCI, ACV, ACI, Resistance, Capacitance, Period, | USB Host, USB Device, LAN |
| DM858 | 5.5 digits | 300 ppm | DCV, DCI, ACV, ACI, Resistance, Capacitance, Period, Frequency, Diode, Continuity, Temperature, and Any Sensor | USB Host, USB Device, RS232 |
| DM3058E | 5.5 digits | 150 000 | DCV, DCI, ACV, ACI, Resistance, Capacitance, Period, | USB Host, USB Device, RS232 |
| DM3058 | 5.5 digits | 150 ppm | DCV, DCI, ACV, ACI, Resistance, Capacitance, Period, Frequency, Diode, Continuity, Temperature, and Any Sensor | USB Host, USB Device, RS232, |
| DM3068 | 6.5 digits | 35 ppm | DCV, DCI, ACV, ACI, Resistance, Capacitance, Period, Frequency, Diode, Continuity, Temperature, and Any Sensor | GPIB, LAN |

Programmable Linear DC Power Supplies

| Model | СН | Output Range | Max. Power | Ripple & Noise | High Resolution | Monitor & Analyzer | Timer | Trigger Input/Output Channel | Interface |
|--------|----|---------------------------------|---------------|----------------------|--------------------|--------------------------|---|------------------------------------|--|
| DP711 | 1 | 30 V/5 A | 150 W | | HIRES- | N/A | TIMER- | N/A | RS232 |
| DP712 | 1 | 50 V/3 A | 150 W | μVrms | DP700 | IN/A | DP700 | IN/A | NSZSZ |
| DP811 | 1 | 20 V/10 A or 40 V/5 A | 200 W | | | | | | |
| DP813 | 1 | 8 V/20 A or 20 V/10 A | 200 W | | | | | | USB Host, USB |
| DP821 | 2 | 8 V/10 A 60 V/1 A | 140 W | | HIRES- | AFK- | Std. | DIGITALIO- | Device, RS232/LAN |
| DP822 | 2 | 20 V/5 A 5 V/16 A | 180 W | | DP800 | DP800 | Stu. | DP800 | (opt. INTERFACE- |
| DP832 | 3 | 30 V/3 A 30 V/3 A,5 V/3A | 195 W | | | | | | DP800) |
| DP831 | 3 | 8 V/5 A 30 V/2 A,-30 V/2 A | 160 W | ≤ 350 | | | | | |
| DP811A | 1 | 20 V/10 A or 40 V/5 A | 200 W | μVrms | | | | | |
| DP813A | 1 | 8 V/20 A or 20 V/10 A | 200 W | | | | | | |
| DP821A | 2 | 8 V/10 A 60 V/1 A | 140 W | | Std. | Std. | Std. | Std. | USB Host, USB |
| DP822A | 2 | 20 V/5 A 5 V/16 A | 180 W | | Stu. | Stu. | Stu. | Stu. | Device, RS232, LAN |
| DP832A | 3 | 30 V/3 A 30 V/3 A,5 V/3 A | 195 W | | | | | | |
| DP831A | 3 | 8 V/5 A 30 V/2 A,-30 V/2 A | 160 W | | | | | | |
| DP932E | 3 | 30 V/3 A 30 V/3 A 6 V/3 A | 198 W | | DP900- HIRES | | - | - | USB Host, USB Device, LAN, Digital IO |
| DP932U | 3 | 32 V/3 A 32 V/3 A 6 V/3 A | 210 W | ≤ 350 | DP900- HIRES | | 1 s (std.), 100 ms (with the option DP900-ARB) | DP900- DIGITALIO | USB Host, USB Device, LAN, Digital IO |
| DP932A | 3 | 32 V/3 A 32 V/3 A 6 V/3 A | 210 W | μVrms | Std. | Std. | Std. | Std. | USB Host, USB Device, LAN, Digital IO (DP900-DIGITALIO) |
| DP2031 | 3 | 32 V/3 A 32 V/3 A 6 V/5 A | 222 W | | Std. | | Std. | Std. | USB Host, USB Device, LAN, RS232, and three rear-panel output terminals |



DL3000 Series Programmable DC Electronic Load



DM3000 Series Digital Multimeter



DP800 Series Programmable Linear DC Power Supply



DP2000 Series Programmable Linear DC Power Supply

Boost Smart World and Technology Innovation



- ি Cellular-5G/WIFI
- **Q** UWB/RFID/ ZIGBEE
- ◆ Digital Bus/Ethernet
- Optical Communication
- Digital/Analog/RF Chip
- Memory and MCU Chip
- Third-Generation Semiconductor
- **図 Solar Photovoltaic Cells**
- 👼 New Energy Automobile
- (1) Power Test
- Automotive Electronics

Provide Testing and Measuring Products and Solutions for Industry Customers

HEADQUARTER

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