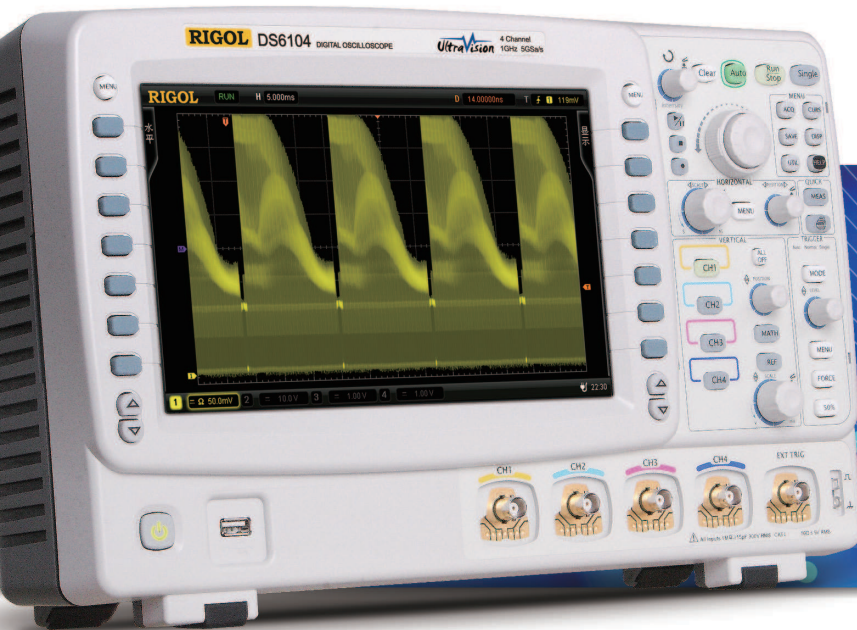


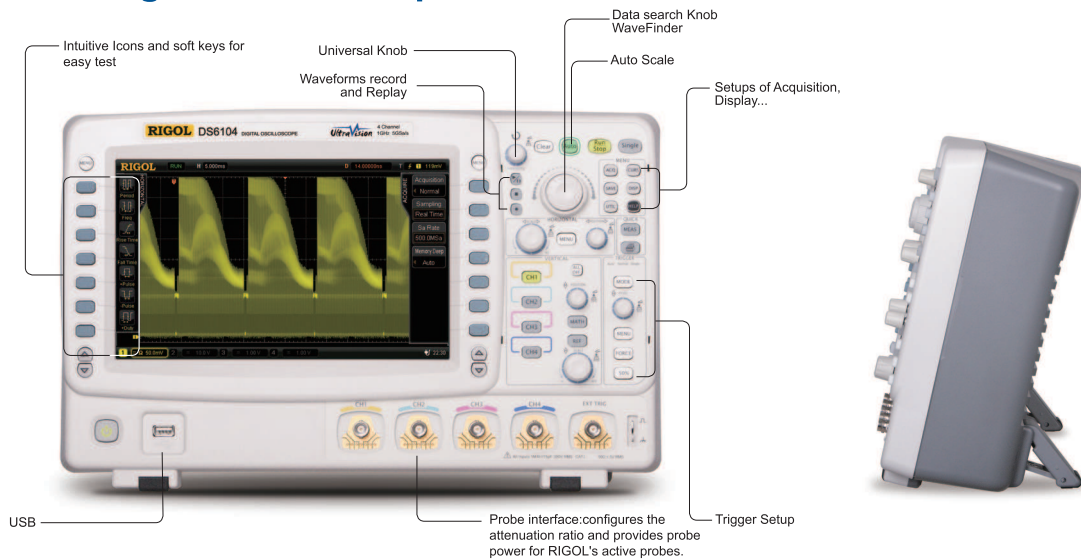


# DS6000 Series Digital Oscilloscope

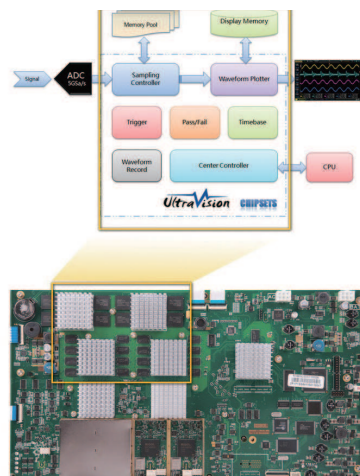
- Bandwidth 1GHz, 600 MHz
- Sample Rate Up to 5 GSa/s
- Channels 2 or 4
- Memory 140 Mpts(Std.)
- Waveform capture rate Up to 180,000 waveforms per second,
- Real Time Waveform Record, Replay & Analysis(Std. up to 200,000 frames)
- Innovative "UltraVision" technology
- A variety of Trigger functions and Automatic measurements with statistics
- Support serial bus trigger(Std.) and decoding(Opt.)
- Dedicated data search knob "WaveFinder"
- Battery Option (China Only)
- Complete Connectivity: USB, LAN(LXI-C), VGA, AUX, GPIB(Option)
- Built-in 1 GBytes Flash Memory
- 10.1 inch WVGA(800X480) Display

DS6000 series adopt many today's new technologies to achieve high performance, abundant features in the same class. It's designed to aim at the requirements of the largest digital oscilloscope market segment from the communications, semiconductor, computing, aerospace defense, instrumentation, research/education, industrial electronics, consumer electronics and automotive industries with its innovative technology, industry leading specifications, powerful trigger functions and broad analysis capabilities.

## DS6000 Series Digital Oscilloscope



Product Dimensions: Width x Height x Depth=399mm x 255.3mm x 123.8mm Weight:5.35 kg



**UltraVision**

- Deeper Memory Depth(Std.140Mpts)
- Higher Waveform capture rate (Up to 180,000 wfms/s)
- Real Time waveform Record,Replay & Analysis (Up to 200,000 frames)
- Multi-level intensity grading display

### ► Models and key Specs

| Model                 | DS6104                             | DS6102   | DS6064   | DS6062   |
|-----------------------|------------------------------------|----------|----------|----------|
| Bandwidth             | 1 GHz                              | 1 GHz    | 600 MHz  | 600 MHz  |
| Max. Sample rate      | 5 GSa/s                            | 5 GSa/s  | 5 GSa/s  | 5 GSa/s  |
| Memory(Standard)      | 140 Mpts                           | 140 Mpts | 140 Mpts | 140 Mpts |
| Channels              | 4                                  | 2        | 4        | 2        |
| Waveform capture rate | Up to 180,000 waveforms per second |          |          |          |
| Frames recorded       | Up to 200,000 frames               |          |          |          |

## ► Features and Benefits

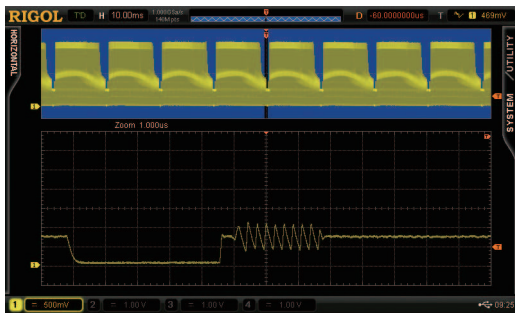
UltraVision: Up to 180K Waveforms/s Waveform capture rate



UltraVision: Real time waveform Record,Replay & Analysis



UltraVision: Multi-Level intensity grading display



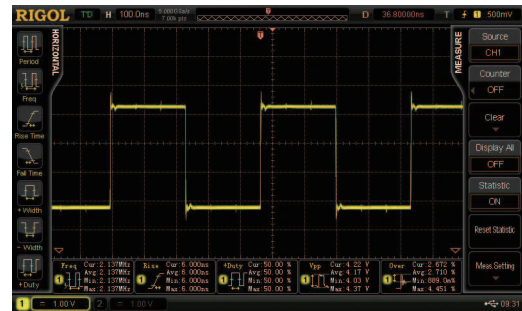
Advanced math function



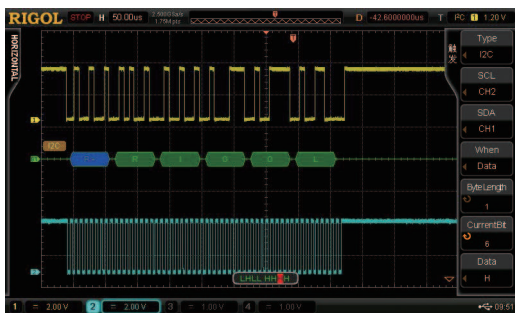
Standard Mask test function



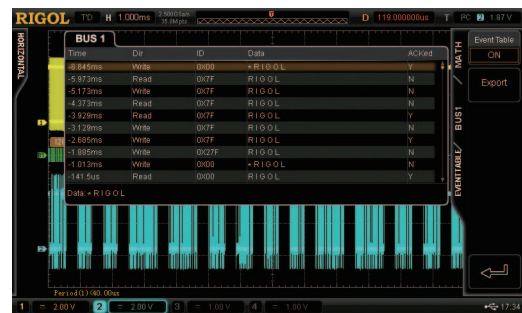
Auto measurements with statistics(Measure up to 5 parameters simultaneously)



Standard Serial Bus trigger functions (RS232,I2C,SPI,CAN etc.)



Optional Serial bus decoding function with listing display



## The probes supported by DS6000 series:

### ► RIGOL Passive Probes

| Model Number                                                                                   | Type               | Description                                                                                                      |
|------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|
| <br>RP2200    | High Z Probe       | 1X: DC~7MHz<br>10X:DC~150MHz<br>Compatibility:<br>All RIGOL Scopes.                                              |
| <br>RP3300A   | High Z Probe       | 1X: DC~8MHz<br>10X:DC~350MHz<br>Compatibility:<br>All RIGOL Scopes.                                              |
| <br>RP3500A   | High Z Probe       | DC~500MHz<br>Compatibility:<br>All RIGOL Scopes.                                                                 |
| <br>RP5600A | High Z Probe       | DC~600MHz<br>Compatibility:<br>DS4000,6000 Series.                                                               |
| <br>RP6150A | Low Z Probe        | DC~1.5GHz<br>Compatibility:<br>DS4000,6000 Series.                                                               |
| <br>RP1300H | High Voltage Probe | DC~300MHz<br>CATI 2000V(DC+AC),<br>CATII 1500 V(DC+AC)<br>Compatibility:<br>All RIGOL Scopes.                    |
| <br>RP1050H | High Voltage Probe | DC~50MHz<br>DC:0~15KV<br>DC,AC:pulse <=30KVp-p,<br>AC:sine wave <=10KVrms<br>Compatibility:<br>All RIGOL Scopes. |

### ► RIGOL Active & Current Probes

| Model Number                                                                                    | Type                             | Description                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>RP7150     | Differential /Single ended Probe | BW:DC~1.5GHz,30V Peak, CAT I<br>Compatibility:<br>DS4000, 6000 series.                                                                                                        |
| <br>RP1001C   | Current Probe                    | BW:DC~300kHz,<br>Max.DC: ± 100A,<br>AC P-P:200A,AC RMS:70A<br>Compatibility: All RIGOL Scopes.                                                                                |
| <br>RP1002C   | Current Probe                    | BW:DC~1MHz,<br>Max.DC: ± 70A,<br>AC P-P:140A,AC RMS:50A<br>Compatibility:<br>All RIGOL Scopes.                                                                                |
| <br>RP1003C  | Current Probe                    | BW:DC~50MHz,<br>Max.AC RMS:30A<br>AC Peak:50A(Noncontinuous)<br>Compatibility:<br>All RIGOL Scopes.<br>Must order RP1000P Power supply.                                       |
| <br>RP1004C  | Current Probe                    | BW:DC~100MHz,<br>Max. AC RMS:30A,<br>AC Peak:50A(Noncontinuous)<br>Compatibility:<br>All RIGOL Scopes.<br>Must order RP1000P Power supply.                                    |
| <br>RP1005C  | Current Probe                    | BW:DC~10MHz,<br>Max.150 A rms,<br>300 A peak (Noncontinuous),<br>500 A peak (@pulse width <=30 ms)<br>Compatibility:<br>All RIGOL Scopes.<br>Must order RP1000P Power supply. |
| <br>RP1000P  | Power Supply                     | Power supply for<br>RP1003C,RP1004C,RP1005C,<br>support 4 channels.                                                                                                           |
| <br>RP1025D  | High Voltage Differential Probe  | BW:25MHz;<br>Max. Voltage ≤ 1400Vpp<br>Compatibility:<br>All RIGOL Scopes.                                                                                                    |
| <br>RP1050D | High Voltage Differential Probe  | BW:50MHz;<br>Max. Voltage ≤ 7000Vpp<br>Compatibility:<br>All RIGOL Scopes.                                                                                                    |
| <br>RP1100D | High Voltage Differential Probe  | BW:100MHz;<br>Max. Voltage ≤ 7000Vpp<br>Compatibility:<br>All RIGOL scopes                                                                                                    |

## ► Other accessories



ARM option



Optional USB-GPIB adapter  
for remote control



Rack mount kit option

All the specifications are guaranteed except the parameters marked with "Typical" and the oscilloscope needs to operate for more than 30 minutes under the specified operation temperature.

| Sample                 |                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sample Mode            | Real-time Sample, Equivalent Sample                                                                                                                                      |
| Real Time              | 5 GSa/s (single-channel)                                                                                                                                                 |
| Sample Rate            | 2.5 GSa/s (dual-channel)                                                                                                                                                 |
| Equivalent Sample Rate | 100 GSa/s                                                                                                                                                                |
| Peak Detect            | 200 ps (single-channel)<br>400 ps (dual-channel)                                                                                                                         |
| Averaging              | After all the channels finish N samples at the same time, N can be 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 2048, 4096 or 8192.                                         |
| High Resolution        | 12 bits of resolution when $\geq 5 \mu\text{s}/\text{div}$ @ 5 GSa/s<br>(or $\geq 10 \mu\text{s}/\text{div}$ @ 2.5 GSa/s).                                               |
| Memory Depth           | single-channel: Auto, 14k pts, 140k pts, 1.4M pts, 14M pts and 140M pts are available<br>dual-channel: Auto, 7k pts, 70k pts, 700k pts, 7M pts and 70M pts are available |

| Input                                |                                                                                                                                                                                                                                                                                               |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of Channels                   | DS6XX4: four channels<br>DS6XX2: two channels                                                                                                                                                                                                                                                 |
| Input Coupling                       | DC, AC or GND                                                                                                                                                                                                                                                                                 |
| Input Impedance                      | (1 M $\Omega$ ±1%)    (14 pF±3 pF)<br>or 50 $\Omega$ ±1.5%                                                                                                                                                                                                                                    |
| Probe                                | 0.01X-1000X, 1-2-5 step                                                                                                                                                                                                                                                                       |
| Attenuation Coefficient              |                                                                                                                                                                                                                                                                                               |
| Maximum Input Voltage (1M $\Omega$ ) | Maximum Input Voltage of the Analog Channel<br>CAT I 300 Vrms, CAT II 100 Vrms,<br>Transient Overvoltage 1000V pk<br>with RP2200 10:1 probe: CAT II 300 Vrms<br>with RP3300 10:1 probe: CAT II 300 Vrms<br>with RP3500 10:1 probe: CAT II 300 Vrms<br>with RP5600 10:1 probe: CAT II 300 Vrms |

| Horizontal                           |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| Timebase Scale                       | DS606X: 1 ns/div to 1000 s/div<br>DS610X: 500 ps/div to 1000 s/div                                     |
| Time Base Accuracy                   | $\leq \pm 4$ ppm                                                                                       |
| Time Base Drift                      | $\leq \pm 2$ ppm/Year                                                                                  |
| Delay Range                          | Pre-trigger (negative delay): $\geq 1$ screen width<br>Post-trigger (positive delay): 1 s to 100,000 s |
| Timebase Mode                        | Y-T, X-Y, Roll, Time Delayed                                                                           |
| Number of XYs                        | 2 simultaneously (four channels model)                                                                 |
| Waveform Capture Rate <sup>[1]</sup> | 150,000 wfms (vector display);<br>180,000 wfms (dots display)                                          |

| Vertical                                  |                                                                                                                                                                                                                                        |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bandwidth (-3dB)                          | DS606X: DC to 600 MHz<br>DS610X: DC to 1 GHz                                                                                                                                                                                           |
| Single-shot Bandwidth                     | DS606X: DC to 600 MHz<br>DS610X: DC to 1 GHz (each channel)                                                                                                                                                                            |
| Vertical Resolution                       | 8bits, two channels sample at the same time                                                                                                                                                                                            |
| Vertical Scale                            | 2 mV/div to 5 V/div (1 M $\Omega$ )<br>2 mV/div to 1 V/div (50 $\Omega$ )                                                                                                                                                              |
| Offset Range                              | 2 mV/div to 124 mV/div: $\pm 1.2\text{V}$ (50 $\Omega$ )<br>126 mV/div to 1 V/div: $\pm 12\text{V}$ (50 $\Omega$ )<br>2 mV/div to 225 mV/div: $\pm 2\text{V}$ (1M $\Omega$ )<br>230 mV/div to 5 V/div: $\pm 40\text{V}$ (1M $\Omega$ ) |
| Bandwidth Limit <sup>[2]</sup>            | 20 MHz or 250 MHz                                                                                                                                                                                                                      |
| Low Frequency Response (AC Coupling -3dB) | $\leq 5$ Hz (on BNC)                                                                                                                                                                                                                   |
| Calculated Rise Time <sup>[2]</sup>       | DS606X: 600 ps<br>DS610X: 400 ps                                                                                                                                                                                                       |
| DC Gain Accuracy                          | $\pm 2\%$ full scale                                                                                                                                                                                                                   |
| DC Offset Accuracy                        | 200 mV/div to 5 V/div:<br>0.1 div $\pm 2$ mV $\pm 0.5\%$ offset value<br>2 mV/div to 195 mV/div:<br>0.1 div $\pm 2$ mV $\pm 1.5\%$ offset value                                                                                        |
| ESD Tolerance                             | $\pm 2$ kV                                                                                                                                                                                                                             |
| Channel to Channel Isolation              | DC to maximum band width: $>40$ dB                                                                                                                                                                                                     |

|                                         |                                                                           |                            |
|-----------------------------------------|---------------------------------------------------------------------------|----------------------------|
| Trigger                                 |                                                                           |                            |
| Trigger Level Range                     | Internal                                                                  | ± 6 div from center screen |
|                                         | EXT                                                                       | ± 0.8 V                    |
| Trigger mode                            | Auto, Normal, Single                                                      |                            |
| Holdoff Range                           | 100 ns to 10 s                                                            |                            |
| High Frequency Rejection <sup>[2]</sup> | 50 kHz                                                                    |                            |
| Low Frequency Rejection <sup>[2]</sup>  | 5 kHz                                                                     |                            |
| Edge Trigger                            |                                                                           |                            |
| Edge Type                               | Rising, Falling, Rising&Falling                                           |                            |
| Pulse Trigger                           |                                                                           |                            |
| Pulse Condition                         | Positive Pulse Width (greater than, lower than, within specific interval) |                            |
|                                         | Negative Pulse Width (greater than, lower than, within specific interval) |                            |
| Pulse Width Range                       | 4 ns to 4 s                                                               |                            |
| Slope Trigger                           |                                                                           |                            |
| Slope Condition                         | Positive Slope (greater than, lower than, within specific interval)       |                            |
|                                         | Negative Slope (greater than, lower than, within specific interval)       |                            |
| Time Setting                            | 10 ns to 1 s                                                              |                            |

|                        |                                                                                                                                                                                                                                                                                                                                        |                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Video Trigger          |                                                                                                                                                                                                                                                                                                                                        |                                                  |
| Signal Standard        | Support standard NTSC, PAL and SECAM                                                                                                                                                                                                                                                                                                   |                                                  |
| Line Frequency         | broadcasting standards                                                                                                                                                                                                                                                                                                                 |                                                  |
| Range                  | upport 480P,576P,720P,1080P and 1080I high definition standards                                                                                                                                                                                                                                                                        |                                                  |
| Pattern Trigger        |                                                                                                                                                                                                                                                                                                                                        |                                                  |
| Pattern Setting        | H, L, X, Rising Edge, Falling Edge                                                                                                                                                                                                                                                                                                     |                                                  |
| RS232/UART Trigger     |                                                                                                                                                                                                                                                                                                                                        |                                                  |
| Trigger Condition      | Start, Error, Check Error, Data                                                                                                                                                                                                                                                                                                        |                                                  |
| Polarity               | Normal,Invert                                                                                                                                                                                                                                                                                                                          |                                                  |
| Baud Rate              | 2400bps, 4800bps, 9600bps, 19200bps, 38400bps, 57600bps, 115200bps, User                                                                                                                                                                                                                                                               |                                                  |
| Data Bits              | 5 bit, 6 bit, 7 bit, 8 bit                                                                                                                                                                                                                                                                                                             |                                                  |
| I2C Trigger            |                                                                                                                                                                                                                                                                                                                                        |                                                  |
| Trigger Condition      | Start, Restart, Stop, Missing ACK, Address, Data, A&D                                                                                                                                                                                                                                                                                  |                                                  |
| Address Bits           | 7 bit, 8 bit ,10 bit                                                                                                                                                                                                                                                                                                                   |                                                  |
| Address Range          | 0 to 127, 0 to 255,0 to 1023                                                                                                                                                                                                                                                                                                           |                                                  |
| Byte Length            | 1 to 5                                                                                                                                                                                                                                                                                                                                 |                                                  |
| SPI Trigger            |                                                                                                                                                                                                                                                                                                                                        |                                                  |
| Trigger Condition      | CS, Timeout                                                                                                                                                                                                                                                                                                                            |                                                  |
| Timeout Value          | 100ns to 1s                                                                                                                                                                                                                                                                                                                            |                                                  |
| Data Bits              | 4 bit to 32 bit                                                                                                                                                                                                                                                                                                                        |                                                  |
| Data Line Setting      | H, L, X                                                                                                                                                                                                                                                                                                                                |                                                  |
| Clock Edge             | Rising Edge, Falling Edge                                                                                                                                                                                                                                                                                                              |                                                  |
| CAN Trigger            |                                                                                                                                                                                                                                                                                                                                        |                                                  |
| Signal Type            | Rx, Tx, CAN_H, CAN_L, Differential                                                                                                                                                                                                                                                                                                     |                                                  |
| Trigger Condition      | SOF, EOF, Frame Type, Frame Error                                                                                                                                                                                                                                                                                                      |                                                  |
| Baud Rate              | 10 kbps, 20 kbps, 33.3 kbps, 50 kbps, 62.5 kbps, 83.3 kbps, 100 kbps, 125 kbps, 250 kbps, 500 kbps, 800 kbps, 1 Mbps, User                                                                                                                                                                                                             |                                                  |
| Sample Point           | 5% to 95%                                                                                                                                                                                                                                                                                                                              |                                                  |
| Frame Type             | Data, Remote, Error, OverLoad                                                                                                                                                                                                                                                                                                          |                                                  |
| Error Type             | Bit Fail,Answer Error,Check Error,Format Error,Random Error                                                                                                                                                                                                                                                                            |                                                  |
| FlexRay Trigger        |                                                                                                                                                                                                                                                                                                                                        |                                                  |
| Baud Rate              | 2.5Mb/s, 5Mb/s, 10Mb/s                                                                                                                                                                                                                                                                                                                 |                                                  |
| Trigger Condition      | Frame, Symbol, Error, TSS                                                                                                                                                                                                                                                                                                              |                                                  |
| USB Trigger            |                                                                                                                                                                                                                                                                                                                                        |                                                  |
| Signal Speed           | Low Speed, Full Speed                                                                                                                                                                                                                                                                                                                  |                                                  |
| Trigger condition      | SOP, EOP, RC, Suspended, ExitSuspend                                                                                                                                                                                                                                                                                                   |                                                  |
| Measure                |                                                                                                                                                                                                                                                                                                                                        |                                                  |
| Cursor                 | Manual Mode                                                                                                                                                                                                                                                                                                                            | Voltage Deviation between Cursors ( $\Delta V$ ) |
|                        |                                                                                                                                                                                                                                                                                                                                        | Time Deviation between Cursors ( $\Delta T$ )    |
|                        |                                                                                                                                                                                                                                                                                                                                        | Reciprocal of $\Delta T$ (Hz) ( $1/\Delta T$ )   |
|                        | Track Mode                                                                                                                                                                                                                                                                                                                             | Voltage and Time Values of the Waveform Point    |
|                        | Auto Mode                                                                                                                                                                                                                                                                                                                              | Allow to display cursors during auto measurement |
| Auto Measurement       | Measurements of Maximum, Minimum, Peak-Peak Value, Top Value, Bottom Value, Amplitude, Average, Mean Square Root, Overshoot, Pre-shoot, Area, PeriodArea,Frequency, Period, Rise Time, Fall Time, Positive Pulse Width, Negative Pulse Width, Positive Duty Cycle, Negative Duty Cycle, Delay A~B↓, Delay A~B↑, Phase A~B↓, Phase A~B↑ |                                                  |
| Number of Measurements | Display 5 measurements at the same time                                                                                                                                                                                                                                                                                                |                                                  |
| Measurement Range      | Screen or cursor                                                                                                                                                                                                                                                                                                                       |                                                  |
| Measurement            | Average, Max, Min, Standard Deviation, Number of Measurements                                                                                                                                                                                                                                                                          |                                                  |
| Statistic              |                                                                                                                                                                                                                                                                                                                                        |                                                  |

|                                 |                                                                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Counter               | Hardware 6 bits frequency counter<br>(channels are selectable)                                                                     |
| Math Operation                  |                                                                                                                                    |
| Waveform Operation              | A+B, A-B, A×B, A/B, FFT, Editable Advanced<br>Operation, Logic Operation                                                           |
| FFT Window Function             | Rectangle, Hanning, Blackman, Hamming                                                                                              |
| FFT Display                     | Split, Full Screen                                                                                                                 |
| FFT Vertical Scale              | dB,Vrms                                                                                                                            |
| Logic Operation                 | AND, OR, NOT, XOR                                                                                                                  |
| Math Function                   | Intg, Diff, Log, Exp, Sqrt, Sine, Cosine, Tangent                                                                                  |
| Number of Buses for<br>Decoding | 2                                                                                                                                  |
| Decoding Type                   | Parallel (standard), RS232/UART (option), I2C/<br>SPI(option), CAN (option), FlexRay (option)                                      |
|                                 |                                                                                                                                    |
| Display                         |                                                                                                                                    |
| Display Type                    | 10.1 inches (257 mm) TFT LCD display                                                                                               |
| Display Resolution              | 800 Horizontal ×RGB×480 Vertical Pixel                                                                                             |
| Display Color                   | 160,000 Color                                                                                                                      |
| Persistence Time                | Minimum, 50 ms, 100 ms, 200 ms, 500ms,<br>1 s, 2 s, 5 s, 10 s, 20 s, Infinite                                                      |
| Display Type                    | Dots, Vectors                                                                                                                      |
| Real-time Clock                 | Time and Date (user adjustable)                                                                                                    |
| I/O                             |                                                                                                                                    |
| Standard Ports                  | USB DEVICE, two USB HOST ports, LAN,<br>VGA Output, 10 MHz Input/Output, Aux output<br>( TrigOut,Fast, GND, PassFail, Calibration) |
| Printer Compatibility           | PictBridge                                                                                                                         |

## General Specifications

|                                                          |                                                                                          |                 |
|----------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------|
| Probe Compensation Output                                |                                                                                          |                 |
| Output Voltage <sup>[2]</sup>                            | About 3 V, peak-peak                                                                     |                 |
| Frequency <sup>[2]</sup>                                 | 1 kHz                                                                                    |                 |
| Power                                                    |                                                                                          |                 |
| Power Voltage                                            | 100-120 V/50Hz/60Hz/400Hz<br>100-240 V/50 Hz/60Hz                                        |                 |
| Power                                                    | Maximum 150W                                                                             |                 |
| Fuse                                                     | 3 A, T Degree, 250 V                                                                     |                 |
| Environment                                              |                                                                                          |                 |
| Temperature Range                                        | Operation: 0℃to +50℃<br>Non-Operation: -20℃ to +70℃                                      |                 |
| Cooling Method                                           | fan cooling                                                                              |                 |
| Humidity Range                                           | Under +35℃: ≤90% Relative Humidity<br>+35℃ to +50℃: ≤60% Relative Humidity               |                 |
| Altitude                                                 | Operation: under 3,000 meters<br>Non-Operation: under 15,000 meters                      |                 |
| Physical Characteristics                                 |                                                                                          |                 |
| Size <sup>[3]</sup>                                      | Width×Height×Depth =<br>399.0 mm×255.3 mm×123.8 mm                                       |                 |
| Weight <sup>[4]</sup>                                    | Package Excluded                                                                         | 5.3 kg± 0.2 kg  |
|                                                          | Package Included                                                                         | 10.8 kg± 1.0 kg |
| Calibration Interval                                     |                                                                                          |                 |
| The recommended calibration interval period is one year. |                                                                                          |                 |
| Regulatory Information                                   |                                                                                          |                 |
| Electromagnetic                                          | 2004/108/EC                                                                              |                 |
| Compatibility                                            | Execution standard EN 61326-1:2006 EN 61326-2-1:2006                                     |                 |
| Safety                                                   | UL 61010-1:2004 ; CAN/CSA-C22.2 NO. 61010-1-2004 ;<br>EN 61010-1:2001 ; IEC 61010-1:2001 |                 |

**Note<sup>[1]</sup>:**Maximum value. In single-channel mode, sine signal with 10 ns horizontal scale, 4 div input amplitude and 10 MHz frequency, edge trigger.

**Note<sup>[2]</sup>:**Typical.

**Note<sup>[3]</sup>:**Tilt tabs and handle folded, knob height included, front panel cover excluded.

**Note<sup>[4]</sup>:**DS6104 model, standard configuration.

## ► Ordering Information

|                      | Description                                                                     | Order Number        |
|----------------------|---------------------------------------------------------------------------------|---------------------|
| Model                | DS6104 (1 GHz, 4-channel)                                                       | DS6104              |
|                      | DS6102 (1 GHz, dual-channel)                                                    | DS6102              |
|                      | DS6064 (600 MHz, 4-channel)                                                     | DS6064              |
|                      | DS6062 (600 MHz, dual-channel)                                                  | DS6062              |
| Standard Accessories | Power Cord conforming to the standard of the country                            | -                   |
|                      | Front Panel Cover                                                               | FPCS-DS6000         |
|                      | USB Data Cable                                                                  | CB-USBA-USBB-FF-150 |
|                      | 600MHz BW Passive Probe,4 sets for 4 channel models,2 sets for 2 channel models | RP5600A             |
|                      | 1.5GHz BW Passive Probe,2 sets for DS6104,1 set for DS6102                      | RP6150A             |
|                      | Quick Guide                                                                     | -                   |
|                      | Resource CD (User's Guide and Application Software)                             | -                   |
|                      | 1.5GHz Active Differential Probe                                                | RP7150              |
| Optional Accessories | 500MHz BW Passive Probes(Support all models)                                    | RP3500A             |
|                      | 600MHz BW Passive Probe(Support all models)                                     | RP5600A             |
|                      | 1.5GHz BW Passive Probe(Support all models)                                     | RP6150A             |
|                      | 11.1 V, 147 Wh Lithium Battery Set                                              | BAT (China Only)    |
|                      | USB to GPIB Module                                                              | USB-GPIB            |
|                      | Desk Mount Instrument Arm                                                       | ARM                 |
|                      | Rack Mount Kit                                                                  | RM-DS6000           |
| Decoding Options     | RS232/UART Decoding kit                                                         | SD-RS232-DS6000     |
|                      | I2C/SPI Decoding kit                                                            | SD-I2C/SPI-DS6000   |
|                      | CAN Decoding kit                                                                | SD-CAN-DS6000       |
|                      | FlexRay Decoding Kit                                                            | SD-FlexRay-DS6000   |

## Warranty

Three-year warranty,excluding probes and accessories.



#### HEADQUARTER

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