

SINCE 1997

AUTOMATE

Solution Provider For

- ✓ Test and Measuring Instruments
- ✓ Power Supplies
- ✓ EMI & EMC Solutions
- ✓ Electrical Test Instruments
- ✓ RF & Microwave Test Instruments
- ✓ Networking & Fiber Optics Testing Solutions
- ✓ Environmental Chambers
- ✓ Testing & Calibration Solutions



CATALOGUE 2026

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GDS-3000A Series Digital Storage Oscilloscopes

- 1 GHz / 650 MHz / 350 MHz Bandwidth, 2 or 4 Input Channels
- 5GSa/s Sampling Rate (half channels)
- 2.5GSa/s Sampling Rate (all channels)
- Per Channel 200Mpts Memory Depth



MPO-2000 Series Multi-function PYTHON Based Programmable Oscilloscope

- MPO-2000P:200MHz; 4CH/2CH
- MPO-2000B:100MHz; 4CH/2CH
- Allow to use Python scripts to control for automation purpose
- Dual Channel Spectrum analyzer with Spectrogram, 25MHz AWG; DMM and power supply.
- I2C/SPI/UART/CAN/LIN serial bus trigger and decoding function



MSO-2000A Series Mixed-signal Oscilloscopes

- 200/100/70MHz bandwidth selections: 2 or 4 channels
- 1GSa/s Real-Time Sampling Rate for Each Channel (2ch model); 1GSa/s
- MSO-2000EA equips with a 16-channel logic analyzer and a dual channel 25MHz arbitrary waveform generator



GDS-2000E Series Digital Storage Oscilloscopes

- 200/100/70MHz Bandwidth Selection; 2 or 4 Channels
- 1GSa/s Real-Time Sampling Rate for Each Channel (2ch model); 1GSa/s
- Per Channel 10M Memory depth
- Data Log Function Tracks Signal Changes Up To 100 hours



GDS-1000B Series Digital Storage Oscilloscopes

- 200/100/70MHz bandwidth selections, 2ch input
- 100/70/50MHz bandwidth selections, 4ch input
- 1GSa/s maximum sampling rate
- 10M maximum memory depth for each channel



GDS-912 PORTABLE / COMPACT Digital Storage Oscilloscope

- Bandwidth: 100 MHz
- Channels: 2 Channels
- Rise Time: ≤ 3.5 ns
- Display Type: 7" (800*480) LCD
- Communication port: USB 2.0 Host/ Device
- Waveform Generator: 25 MHz (GDS-912G)
- Standard Waveforms: Sine wave, squarewave, ramp wave, pulse wave, arbitrary wave (GDS-912G)



MDO-2000A Series Mixed-domain Oscilloscopes

- 300/200/100MHz bandwidth selections; 2 channels
- Real time sampling rate is 2GSa/s max.
- Per Channel 20M memory depth and VPO waveform display technology
- Waveform update rate up to 120,000 wfms/s

SPECTRUM ANALYZER



GSP-8000 Spectrum Analyzer

- Frequency Range: 9kHz ~ 8.0GHz / 3.8GHz / 1.8GHz
- RBW: 1Hz ~ 1MHz in 1-3-5-10 steps
- Phase Noise: -104 dBc/Hz
- Sensitivity: -160dBm/Hz Typical @PreAmp On
- Display: 10.4" XGA Output (1024*768)



GSP-9330 Spectrum Analyzer

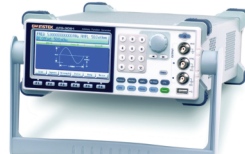
- Frequency Range: 9kHz ~ 3.25GHz
- RBW: 1Hz ~ 1MHz (3dB), 6dB EMI Filter: 200Hz, 9kHz, 120kHz, 1MHz
- Built-in EMC pretest function, Quasi-Peak/Average EMI detect mode
- Built-in Spectrogram, Topographic and Split-Window Display Modes

SIGNAL GENERATOR



AFG-4000 Series Arbitrary Function Generator

- Provide single-channel or dual-channel output
- Single channel: AFG-4125E/4125AE(25MHz)
- Dual Channel: AFG 4225E/4235/4260/4280/4210H/4225H (25/35/60/80/100/250MHz)
- Built-in Sine, Square, Triangle, Ramp, Pulse, Noise, Harmonic wave, Arbitrary wave
- Min. resolution is 1 μ Hz



AFG-3000 Series Arbitrary Function Generator

- Wide frequency range from 1 μ Hz to 80/50MHz
- High 200MSa/s sampling rate
- 16-bit Amplitude Resolution
- Output from any section of 1M-point-long waveform



AFG-2225 Dual-Channel Arbitrary Function Generator

- Wide Frequency Ranges From 1 μ Hz to 25MHz (sine/square wave)
- 1 μ Hz Resolution in Full Range
- Built-in Standard 120MSa/s, 10bit, 4k Points Arbitrary Waveform for Both Channels
- True Dual-Channel Output, CH2 Provides the Same Characteristics as CH1



MFG-2000 Series Multi-Channel Function Generator

- Maximum Five Output Channels
- 2 Equivalent Performance Arbitrary Channels Frequency: 1 μ Hz~10/20/30/60/200MHz
- RF Channel Frequency (FG/ARB/MOD) : 160/320MHz
- Pulse Generator Frequency : 25MHz

PROGRAMMABLE SINGLE CHANNEL DC POWER SUPPLY



GPP-3610H/7250 Single-Channel Programmable DC Power Supply

- Programming resolution: 1mV/ 0.2mA (GPP-3610H); 2mV/0.2mA (GPP 7250)
- Readback resolution: 0.1mV/ 0.1mA
- Low ripple noise: ≤ 1 mVrms / ≤ 2 mArms
- GPP-3610H (0 - 36V/0 - 10A/360W)
- GPP-7250 (0 - 72V/0 - 5A/360W)



GPP-1205 100 W Single Channel Programming Linear DC Power Supply (USB, LAN) (20 V / 5 A)

- Voltage Setting/Readback Resolution: 1 mV / 0.1 mA
- Current provides three settings/readback resolutions: 0.1 mA / 0.01 mA (H), 10 μ A / 1 μ A (M), 1 μ A / 0.1 μ A (L)
- Constant Voltage (CV) / Constant Current (CC) output mode
- Power supply / electronic load switching function
- Power output On/Off control with output/cutoff delay function
- Voltage and current slew rate control function



PSW-Series Programmable Switching D.C. Power Supply

- Voltage Rating: 30V/40V/80V/160V/250V/800V, Output Power Rating: 360W ~ 1080W
- Multi-range Voltage & Current Combinations in One Power Supply
- CV/CC Priority; Particularly Suitable for the Battery and LED Industry



GPP-1326 Single Channel Programmable DC Power Supply

- Rating : 0-32 V / 0 ~ 6 A / 192 W
- Setting Resolution: 1mV / 0.1mA
- Read Back Resolution: 0.1mV / 0.1mA
- Standard: RS-232, USB, Ext I/O
- Optional: LAN, GPIB+LAN



PSU-Series

- Voltage Rating: 6V/8V/12.5V/15V/20V/30V/40V/50V/60V/80V/100V/150V/300V/400V/600V
- Output Power Rating: 1200W~1560W
- Standard Interface: USB, LAN, RS-232, RS-485, Analog Control



PSB-2000

- Output Voltage Rating: 80V/800V
- Output Power Rating: 400W~800W
- Constant Power Output for Multi-Range (V&I) Operation
- Series and Parallel Operation (2 Units in Series or 4 Units in parallel Maximum)

PROGRAMMABLE SINGLE CHANNEL DC POWER SUPPLY



PSH-Series Programmable Switching D.C. Power Supply

- Output Rating: 20V/36V, 10/18/20/30A
Output Power Rating: 360W – 1080 W
- LabView driver & RS 232 Interface
 - Over voltage over current and over temperature protection



PSP-Series Programmable Switching D.C. Power Supply

- Three models : 60V/3.5A, 40V/5A, 20V/10A (200W)
- Standard interface: RS-232C
 - OVL / OCL / OPL / OTP protection
 - Key lock to avoid operation error



PPX-Series Programmable High-Precision DC Power Supply

- Output Voltage Rating: 10/20/36/100 VDC
- Output Power: 36 W – 108 W
- Interfaces: USB, LAN, RS-232, RS-485, Analog Control



PFR-100 Series

- Output Voltage Rating : 50/250 VDC
- Output Current Rating : 2 A/10 A (100 W)
- Built-in USB, RS-232/485 and LAN Interface

PROGRAMMABLE MULTIPLE CHANNEL DC POWER SUPPLY



PSW-Series Programmable Switching D.C. Power Supply

- Voltage Rating: 30V/40V/80V/160V/250V/800V, Output Power Rating: 360W – 1080W
- Multi-range Voltage & Current Combinations in One Power Supply
- CV/CC Priority; Particularly Suitable for the Battery and LED Industry



GPP-3060/6030/3650 Triple-Channel Programmable DC Power Supply

- GPP-3060 385W (CH1 & 2 : 0-30V/0-6A, CH 3 : 1.8V/2.5V/3.3V/5V/5A)
- GPP-6030 385W (CH1 & 2 : 0-60V/0-3A, CH 3 : 1.8V/2.5V/3.3V/5V/5A)
- GPP-3650 385W (CH1 & 2 : 0-36V/0-5A, CH 3 : 1.8V/2.5V/3.3V/5V/5A)
- Standard: RS-232, USB, LAN, Ext I/O



GPP-X323 Series Multiple Output Programmable D.C. Power Supply

- GPP-4323 212W (CH1 & 2 : 0-32V/0-3A, CH 3 : 0-5 V /1A, CH4 : 0 – 15 V / 1 A)
- GPP-3323 217W (CH1 & 2 : 0-32V/0-3A, CH 3 : 5V/5A)
- GPP-2323 192W (CH1 & 2 : 0-32V/0-3A)
- Setting & Read back Resolution 100mV / 10mA .



PPE-3323 Multiple Output Programmable Linear D.C. Power Supply

- Output Rating: 0~ +32V, 0~-32V, 3.3V/5V Fixed/ 0~+3A, 0~-3A, 3A Fixed
- High resolution: 10mV, 1mA
- Over voltage protection by software
- 50 Sets memory
- Self test and software calibration

NON- PROGRAMMABLE SINGLE CHANNEL DC POWER SUPPLY



GPE 1323/1326 Single Output Linear D.C. Power Supply

- Isolated Output 0-32V/0-3/6A/192W
- 4.3 Inch LCD Display
- Setting & Read back Resolution 100mV / 10mA (*1)
- Output ON/OFF



GPR-M Series Linear D.C. Power Supply

- Output Voltage Rating : 0 -18/30/60 V
Output Current Rating: 0-3/6/10 A (180W)
- 0.01% High Regulation
 - Constant Voltage and Constant Current Operation



GPR-H Series Linear D.C. Power Supply

- Output Voltage Rating : 0 – 8/18/35/60/75/110/300 V
Output Current Rating: 0 - 1/3/5/6/10/20/30 A
Output Power Rating : 240 W – 375 W
- 0.01% High Regulation
 - Constant Voltage and Constant Current Operation

NON PROGRAMMABLE MULTI-CHANNEL DC POWER SUPPLY

SOURCE METER UNIT



GPE-X323 Series Multiple Output Linear D.C. Power Supply

- GPE-4323 212W (CH1 & 2 : 0-32V/0-3A, CH 3 : 0-5 V /1A, CH4 : 0 – 15 V / 1 A)
- GPE-3323 217W (CH1 & 2 : 0-32V/0-3A, CH 3 : 5V/5A)
- GPE-2323 192W (CH1 & 2 : 0-32V/0-3A)
- Setting & Read back Resolution 100mV / 10mA



GPE-3060/6030 Triple-Channel DC Power Supply

- 1/2/3 independent isolated output channels
- GPE-3060 provides CH1/CH2: 0 ~ 30V / 0 ~ 6A output; CH3 supports 5.0V at 5A
- GPE-6030 supports CH1/CH2: 0 ~ 60V / 0 ~ 3A output; CH3 supports 5.0V at 5A
- Series/parallel tracking function
- High program resolution of 10mV/1mA and measurement resolution of 30mV/10mA



SPD-3606 Multiple Output Dual Range D.C. Power Supply

- CH1 & CH2 : 0 ~ 30V / 0 ~ 6A ; 0 ~ 60V / 0 ~ 3A
- CH3 adjustable output : 0.1~5V/3A
- High efficiency power conversion (up to 25% more than traditional power supply)
- Remote output on/off control



GSM-20H10 Source Measure Unit

- Maximum Output: ±210V/±1.05A/22W
- Built-in 4 Sequence Output Modes, up to 2500 Points
- OVP /OTP Protection Function
- 0.012% Basic Measure Accuracy with 6½- digit Resolution

PROGRAMMABLE AC+ DC POWER SUPPLY

PROGRAMMABLE AC POWER SOURCE



ASR-6000 Series High Performance AC/DC Power Source (4.5 Kva / 6 Kva)

- Arbitrary Waveform & Sequence Control Tens of thousand of waveform edits
- Advanced Web Server Control Built-in data acquisition support
- High-Order Harmonic Measurement Up to 100th harmonic analysis
- Scalable Parallel Operation Up to 36 kVA / 36 kW
- Industrial Communication Ready RS-232 | USB | LAN Optional CAN | Device Net | GPIB



ASR-3000 Series Programmable AC/DC Power Source (2-3-4 Kva)

- Output Rating: AC 0 – 400 Vrms, DC 0 ± 570 V
- Output Frequency up to 999.9 Hz (ASR-3400HF up to 5000Hz)
- DC Output (100% of Rated Power)
- Measurement Items: Vrms, Vavg, Vpeak, Irms, IpkH, Iavg, Ipeak, P, S, Q, PF, CF



APS-7000 Series Programmable Linear AC Power Sources

- 4.3-inch TFT-LCD
- Output capacity: APS-7050(500VA, 310Vrms, 4.2Arms); APS-7100 (1000VA, 310Vrms, 8.4Arms); APS-7200 (2000VA, 310Vrms, 16.8Arms); APS-7300 (3000VA, 310Vrms, 25.2Arms); Output augmentation by options (0~600Vrms/45~999.9Hz)



APS-7000E AC Power Sources

- 4.3 inch TFT-LCD Display
- Output Capacity: APS-7050E(500VA, 310Vrms, 4.2/2.1Arms), APS-7100E (1000VA, 310Vrms, 8.4/4.2Arms)
- Only 88mm(2U) case height
- Measurement function comprises Voltage, Current, Power, Current (peak), Frequency, Power Factor

DC ELECTRONIC LOADS

GW INSTEK



PEL-3000AE Programmable D.C. Electronic Load

- 7 Operating Modes: CC, CV, CR, CP, CC+CV, CR+CV, CP+CV
- Fast/ Normal Sequence Function
- 300 W (0 - 150V/60A) OR (0-500V/15A)
- Battery discharge test
- OCP/OPP test Automation



PEL-5000G Series High Power DC Electronic Load

- 5 digital V / A / W Meter can be displayed on Large LCD display simultaneously
- Flexible CC, CR, CV, CP, CV + CL, CV + PL, Dynamic and short circuit operation modes
- Surge Test mode for Capacitive load for current rising transient test



PEL-2000B Programmable D.C. Electronic Load

- Sequence function to do high Efficient load simulations
- Flexible configuration with mainframes and plug-in modules
- Multiple independent load inputs up to 8 channels in PEL-2000A mainframe
- Parallel connection of inputs for increased load capacity



PEL-500 Series DC Electronic Load

- 5-digit digital voltage, current and power meter
- Simultaneous display of voltage, current, and watts
- Short-circuit time can be set during short-circuit test



PEL-3000A/3000AH Series Programmable DC Electronic Load

- Operating voltage (DC): 0~150V(PEL-3000)/ 0~800V(PEL-3000H)
- Operating Mode : C.C / C.V / C.R / C.P / CC+CV / CR+CV / CP+CV
- Parallel Connection of Inputs for Higher Capacity (Max: 9,450W)



PEL-2000A Programmable D.C. Electronic Load

- Sequence function to do high Efficient load simulations
- Flexible configuration with mainframes and plug-in modules
- Multiple independent load inputs up to 8 channels in a mainframe
- Parallel connection of inputs for increased load capacity



PEL-5000C High Power Compact DC Load

- Maximum power up to 192KW
- Up to 8 units of master/slave parallel control
- 5-digit digital voltage, current and power meter
- Large LCD Display

AC/DC ELECTRONIC LOADS



AC / DC ELECTRONIC LOAD AEL-5000

- CC, Linear CC, CR, CV, CP and AC Rectifier Load Mode
- Frequency Range : DC, 40~440Hz
- Turbo Mode for 2 Times the Current and Power of Electronic Load within 1 Second
- Eight Units Parallel up to 180 kW and Three-phase Δ or Y Load Connection Can be Synchronized Control by One Master Unit
- Loading and Unloading Angle Control; 0~359 Degree is Settable
- Positive Half-cycle or Negative Half-cycle Loading

ENVIRONMENTAL & RELIABILITY TEST CHAMBERS

Cosmosia (Hitachi) Environmental Testing Equipment



Constant Temperature and Humidity Chamber
Constant temperature chamber.



Thermal shock chamber



Double Side access chamber



Excellent Series chamber.



Walk in Type constant Temperature and Humidity Chamber
Walk in Type constant Temperature Chamber



SALT SPRAY CHAMBERS

- Performs cyclic corrosion testing by alternating between Salt Spray, Humidity, Drying, and Temperature conditions.
- Simulates real-world environmental exposure (marine, industrial, automotive conditions).
- Used to evaluate corrosion resistance of metals, coatings, paints, and plated components.

DIGITAL MULTIMETER



GDM-906X Dual Measurement Multimeter

- 6 1/2 Digit Display: 1,200,000 Counts
- DCV Basic Accuracy: 0.0035% (GDM-9061) / 0.0075% (GDM-9060)
- 12 Measurement Functions: DCV, ACV, DCI, ACI, 2-wire and 4-wire Resistance, Frequency, Period, Diode, Continuity, Temperature and Capacitance Sampling Rate up to 10k SPS (GDM-9061) Offer Graphical Capabilities Including Histogram, Bar Meter and Trend Temperature Measurement Support RTD, Thermistor as Well as Thermocouple Standard Interfaces: USB Host/Device, RS-232C, LAN, Digital I/O.



GDM-9052 Dual Measurement Multimeter

- 5 1/2 Digit Display: 239,999 Counts max.
- DCV Basic Accuracy: 0.012 %
- A. I. Measurement offers automatic identification and measurement for Voltage, Resistance, Diode and Continuity tests without the need for manual selection
- 12 different measurement Functions: AC/DC voltage, AC/DC current, 2-wire/4-wire Resistance, Frequency, Period, Diode, Continuity, Capacitance and Temperature.



GDM-9042 & GDM-9041 Dual Measurement Multimeter

- 50,000 Counts
- DCV Basic Accuracy: 0.02 %
- A. I. Measurement offers automatic identification and measurement for Voltage, Resistance, Diode, or Continuity tests without the need for manual selection
- 11 Measurement Functions: DCV, ACV, DCI, ACI, 2-wire Resistance, Frequency, Period, Diode, Continuity, Capacitance and Temperature.

DC VOLTMETER



GVM-9102 2 kV DC Voltmeter

- 6 1/2 Digit Display: 2,399,999 Counts max.
- 4.3 TFT Graphic LCD
- DC voltage measurement up to 2400 V
- DCV Basic Accuracy: 0.01%
- The fastest sampling rate: 10k Readings/sec

LCR METERS



LCR-1000 Handheld LCR Meter

- 2.8" TFT Touch LCD (10 kHz & 100 kHz)
- 50,000 Counts Resolution on Primary and Secondary Display
- 0.2% Basic Accuracy
- Six or Eight Selectable Test Frequencies Depends on Model



LCR-6000 Precision LCR Meter

- 3.5" color LCD
- 5 models (10Hz~2kHz/20kHz/100kHz/200kHz/300kHz)
- Consecutive test frequency
- Basic accuracy : 0.05%
- Measuring speed up to 25ms (max.)



LCR-8200(A) High-Frequency LCR Meter

- Wide Test Frequency :
- LCR-8200A:DC, 10Hz~50/30/20/10/5 MHz
- LCR-8200:DC, 10Hz~30/20/10/5/1 MHz
- 7" LCD color Display

ACW/DCW/IR/GB Electrical Safety Analyzer (HI-POT TESTER)



GPT-15000 Electrical Safety Analyzer

- 500VA AC Test Capacity
- Short Circuit current > 200mA
- Comply with IEC 61010-2-034
- 7" TFT LCD
- Manual / Auto Mode



GPT-12000 Electrical Safety Analyzer

- 200VA AC Test Capacity
- Comply with IEC 61010-2-034
- 7" TFT LCD
- Manual / Auto Mode
- RMS Current Measurement



GPT-9500 Multi-Channel Hipot Tester

- 150VA AC Test Capacity
- 3 in 1 Tester : AC, DC, IR
- Built-in 8 channel Scanner
- 480 x 272 Color TFT LCD
- Test parameter Export / Import through USB host



GPT-15012 Electrical Safety Analyzer

- DC 12kV / IR 5kV
- Comply with IEC 61010-2-034
- 7" TFT LCD
- Manual / Auto Mode
- Controllable Ramp-up & Ramp-down Time
- Capacitive Load Testing Capability up to 47μF



GPT-9900 Electrical Safety Tester

- 500VA AC Test Capacity
- Short Current > 200mA
- 240x64 Ice Blue Dot matrix LCD
- Sweep Function for DUT characteristic analysis



GPT-9800 Electrical Safety Tester

- 200VA AC Test Capacity
- 240x64 Ice Blue Dot matrix LCD
- Manual/Auto Mode
- Function Key for quick selecting
- High intensity flash for Caution & Status indication



GPT-9600 Economical Safety Tester

- 100VA AC Test Capacity
- 240x48 Ice Blue Dot matrix LCD
- Auto W-I or I-W Mode
- ARC Detection
- RMS Current Measurement

AC GROUND BOND TESTER

LEAKAGE CURRENT TESTER

BATTERY TESTER



GCT-9040 AC Ground Bond Tester

- AC 40A Ground Bond Tester
- Measuring Resistance from 1mΩ~650mΩ
- Connect with the GPT-9800/9900 series to become a multifunctional test or simultaneous test system
- 240x64 Ice Blue Dot Matrix LCD
- Function Key for quick selecting



GLC-10000 Leakage Current Tester

- Suitable for Medical Electrical & General Electrical of Leakage Current Measurement
- 7" Touch Pane with Color LCD
- 12 Different Measurement Network to Simulate the Resistance of Human Body (Including IEC 60601-1:2020 3.2rd)



GBM-3000 Battery Meter

- 3.5" TFT LCD (320x240)
- Measurement items: DC voltage and AC resistance
- Voltage measurement: 300V (GBM-3300) or 80V (GBM-3080)
- Resistance measurement: 0mΩ~ 3.2kΩ(max.)

DC-MILLI OHM METER

POWER ANALYZERS

AC + DC POWER METER



GOM-804 & GOM-805 DC Milli-Ohm Meter

- 50,000 counts
- 3.5" (320 x 240) TFT LCD display
- High accuracy of 0.05% precision
- 1Amp test current, 0.1μΩ resolution
- Fast measurement of 60 readings per second
- Four wire resistance measurement



GPM-8330/8320 Digital Power Meter

- 5" TFT LCD
- Voltage/Current Test Freq. Bandwidth: DC, 0.1Hz~ 100kHz
- Waveform Display : V (Voltage), I (Current), P (Wattage)
- Distorted wave Current/Voltage measurement: full range for CF=3, and half range for CF=6 (or 6A)



GPM-8213 Digital Power Meter

- 4" TFT LCD
- Two data display modes
- Standard : two major measurement items + six secondary measurement items
- Simple : displaying test data of four different measurement items



GPM-8310 Digital Power Meter

- 5" TFT LCD
- DC, 0.1Hz ~ 100kHz voltage/current test bandwidth
- Two numerical display modes: General mode: displays 2 main test items + 8 secondary test items ; Simple mode: displays the test values of 4 main test items



RBS Series Regenerative Bidirectional DC Source

(Maximum parallel power of 150 Kw)

- Bidirectional DC source, integrating power supply and load functions
- Voltage output: 100 V, 500 V, 750 V, 1000 V, 1500 V, 2250 V
- Power output: High power density 5 kW/10 kW/15 kW @ 3U height
- Maximum output current: 510 A
- Standard SAS function, battery simulation function, battery charge/discharge function and Sequence programming function.
- Simple master-slave parallel connection, up to 10 units of the same model can be connected in parallel, with a maximum parallel power of 150 kW
- Complete protection mechanism: including OVP, OCP, OTP and input over-voltage and under-voltage protection.
- Intuitive touch panel human-machine operation interface
- Standard dedicated PC control software
- Interface options: USB, RS-232/RS-485, LAN, CAN or GPIB

GW Instek	AC Input	Output		
	3P3W-400	Vo	Io	Po
RBS	(Vac)	(V)	(A)	(kW)
RBS05K-100	342~510	100	± 170	5
RBS10K-100	342~510	100	± 340	10
RBS15K-100	342~510	100	± 510	15
RBS05K-500	342~510	500	± 40	5
PBS10k-500	342~510	500	± 80	10
RBS15K-500	342~510	500	± 120	15
RBS05K-750	342~510	750	± 25	5
RBS10K-750	342~510	750	± 50	10
RBS15K-750	342~510	750	± 75	15
RBS10K-1000	342~510	1000	± 40	10
RBS15K-1500	342~510	1000	± 40	15
RBS15K-2250	342~510	1000	± 25	15



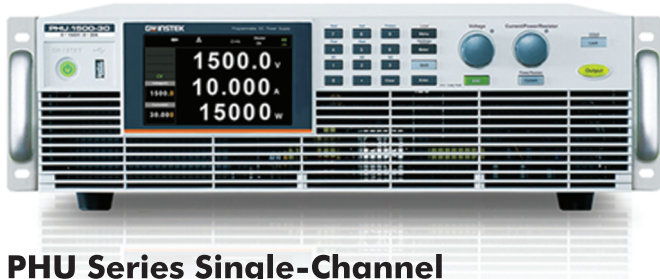
ASR-6000 High Performance AC/DC Power Source

(Up to 36 kVA / 36 kW Maximum)

- AC input supports single-phase and three-phase, phase voltage 200 V to 240 V ± 10 % (Delta or Y connection)
- 10 output modes: including external input signal frequency and mains synchronization (SYNC), external voltage controlled internal amplifier output (VCA)
- Multi-channel output function
- Supports 1P2W, 1P3W, 3P4W output
- AC maximum output phase voltage: 350 Vrms line voltage: 700 Vrms
- Frequency Range: AC Mode: 15.00 Hz to 2000.0 Hz, AC+DC Mode: 1.00 Hz to 2000.0 Hz (Stand-alone unit ASR-6450/6600); Parallel Rack Type: highest frequency de-rating to 1000.0 Hz (9 kVA to 18 kVA) de-rating to 550.0 Hz (24 kVA to 36 kVA)
- AC balanced and unbalanced three-phase, phase loss output functions
- Programmable output impedance adjustment
- Dual-channel voltage/current output monitoring function
- Voltage output rise time can be adjusted in three ranges
- Supports sequence editing and emulation output mode
- Powerful arbitrary waveform editing and output function, capable of editing and outputting tens of thousands of waveforms
- Advanced web server control to support data acquisition function
- 100th order harmonic measurement function
- Support Parallel Connection Type Up to 36 kVA / 36 kW Maximum
- Standard interfaces: RS-232C, USB, LAN
- Optional interfaces: CAN Bus, Device Net, GPIB

ASR-6450	4.5 kVA	AC/DC Programming Source
ASR-6600	6 kVA	AC/DC Programming Source
ASR-6450-9	9 kVA	AC/DC Rack Type Power Source
ASR-6450-13.5	13.5 kVA	AC/DC Rack Type Power Source
ASR-6600-18	18 kVA	AC/DC Rack Type Power Source
ASR-6600-24	24 kVA	AC/DC Rack Type Power Source
ASR-6600-30	30 kVA	AC/DC Rack Type Power Source
ASR-6600-36	36 kVA	AC/DC Rack Type Power Source

GW INSTEK NEW PRODUCTS 2026



PHU Series Single-Channel Programmable DC Power Supply

(Power output: 5 kW/ 10 kW/ 15 Kw)

- Voltage output: 80 V/ 200 V/ 500 V/ 750 V/ 1000 V / 1500 V
- Power output: 5 kW/ 10 kW/ 15 kW
- Maximum current output: 510 A
- C.C/ C.V priority mode
- Adjustable voltage/current rise and fall time
- AWS (Advanced Web Control)
- APC (Adaptive Parallel Connection)
- Parallel connection (maximum 10 units)
- High efficiency and high-power density
- Bleeder Control function
- Panel lock function
- Protection: OVP, OCP, OHP, UVL, AC Fail, FAN Fail
- Standard: USB, LAN, Isolated Analog control
- Option: RS-232 & 485 or GPIB or CAN Bus or Device Net or Any Bus
- 3U height and 19" Rack Mount Size

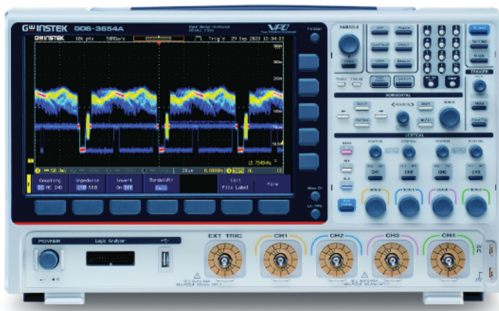
Medium Voltage				High Voltage				High Current			
Model	V	A	W	Model	V	A	W	Model	V	A	W
PHU 500-30	500	30	5 kW	PHU 1000-15	1000	15	5 kW	PHU 80-170	80	170	5 kW
PHU 500-60	500	60	10 kW	PHU 1000-30	1000	30	10 kW	PHU 80-340	80	340	10 kW
PHU 500-90	500	90	15 kW	PHU 1000-45	1000	45	15 kW	PHU 80-510	80	510	15 kW
PHU 750-20	750	20	5 kW	PHU 1500-10	1500	10	5 kW	PHU 200-70	200	70	5 kW
PHU 750-40	750	40	10 kW	PHU 1500-20	1500	20	10 kW	PHU 200-140	200	140	10 kW
PHU 750-60	750	60	15 kW	PHU 1500-30	1500	30	15 kW	PHU 200-210	200	210	15 kW



PSW-Dual-Channel/Triple-Channel Programmable Switching DC Power Supply

- Multi-channel: maximum 720 W for dual-channel models and maximum 1080 W for triple-channel models
- Multiple voltage combinations: 30 V / 40 V / 80 V / 160 V / 250 V / 800 V
- Advanced web server: executes SCPI commands; controls through the server; data log; edit sequence
- CC/CV priority mode selection is ideal for battery and LED industries
- Adjustable slew rate
- High efficiency and high power density power supply
- Standard communications interfaces: LAN, USB, external analog remote control terminal
- Optional communications interfaces: GPIB-USB adapter, RS232-USB cable
- Support Lab VIEW Driver

Model	Channel 1 Voltage	Channel 2 Voltage	Dimension U
PSW-720L11	30.00	30.00	1/3 Rack 3U
PSW-720L12	30.00	40.00	1/3 Rack 3U
PSW-720L14	30.00	80.00	1/3 Rack 3U
PSW-720L15	30.00	160.0	1/3 Rack 3U
PSW-720L22	40.00	40.00	1/3 Rack 3U
PSW-720L24	40.00	80.00	1/3 Rack 3U
PSW-720L25	40.00	160.0	1/3 Rack 3U
PSW-720L44	80.00	80.00	1/3 Rack 3U
PSW-720L45	80.00	160.0	1/3 Rack 3U
PSW-720L55	160.0	160.0	1/3 Rack 3U
PSW-720H66	250.0	250.0	1/3 Rack 3U
PSW-720H68	250.0	800.0	1/3 Rack 3U
PSW-720H88	800.0	800.0	1/3 Rack 3U



GDS-3000A series New Generation Digital Storage Oscilloscope (350/650/1000Mhz)

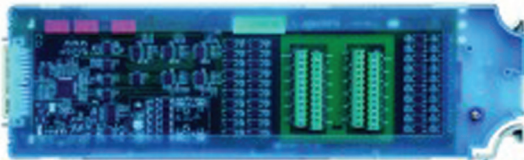
- 1000Mhz/650MHz/350MHz Bandwidth, 2 or 4 Input Channels
- 5GSa/s Real-time Sampling Rate(half channels); 2.5GSa/s Real-time Sampling Rate(all channels)
- Per Channel 200Mpts Memory Depth
- 200,000 wfm/s of Waveform Update Rate
- 10.2 inch 800*480 TFT LCD Display
- 38 Automatic Measurement Functions Offers Various Measurement Selections
- I2C/UART/CAN/LIN Serial bus trigger and decoding functions
- Dual Channel Spectrum analyzer (DC~2.5GHz) with spectrogram
- Dual Channel 25MHz Arbitrary Waveform Generator
- Optional 13 sets power analysis measurement
- Optional 16 digital channel with Logic analyzer (MSO)



DAQ-9600 Data Acquisition System

A Data Acquisition System (DAQ, also known as data logger) is an electronic measurement instrument used for collecting, monitoring, and recording various signals and data from the real world. These signals can come from sensors or other signal sources, and the goal of DAQ is to convert these signals into digital form for analysis, processing, and recording.

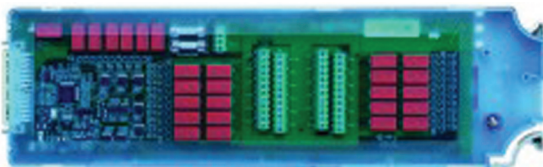
DAQ-900 20-Channel Universal Multiplexer



DAQ-907 16 bits of Digital Input and Output



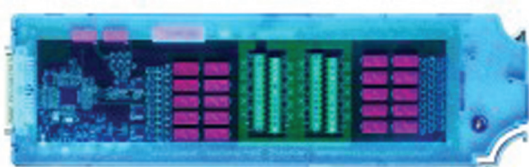
DAQ-901 20+2 Channels Universal Multiplexer



DAQ-908 20-Channel Actuator/General-Purpose Switch



DAQ-903 40-Channel Single-Ended Multiplexer



DAQ-909 8+2 Channels High Voltage High Current Multiplexer



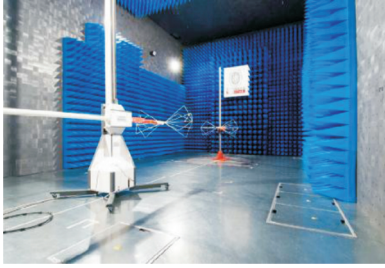
DAQ-904 4 x 8 Matrix



DAQ-919 8 CHANNEL DC 1000 V / AC 750 Vrms voltage



EMI / EMC Solutions

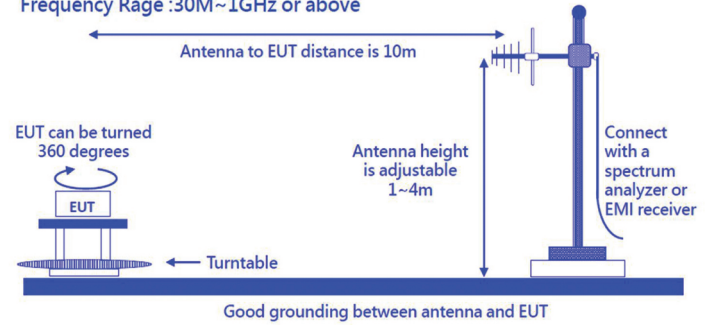


EMI regulations

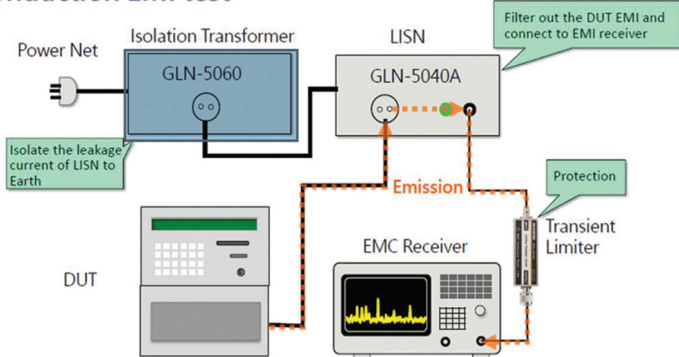
FCC	CISPR	EN's	Description
18	11	EN 50011	Industrial, scientific and medical equipment
--	12	--	Automotive
15	13	EN 55013	Broadcast receivers
	14	EN 55014	Household appliances/tools
	15	EN 55015	Fluorescent lights/luminaries
15	22	EN 55022	Information technology equipment
	--	EN61000-6-3, 4	Generic emissions standards
	16	--	Measurement apparatus/methods
	16	EN 55025	Automotive component test

EMI radiation test at Open Area Test Site

Frequency Range :30M~1GHz or above



Conduction EMI test



GW Instek EMC Pretest Solution

Products	Model
	Spectrum analyzer: GSP9330+TG (optional)
	Near-field Probe/Sensor: GKT-008+adaptor+cable
	Line Impedance Stabilization Network: GLN-5040A
	Isolation Transformer: GIT-5060
	Pulse Limiter: GPL-5010 Adaptor (SMA-BNC):ADP004
	Freeware for EMI: Spectrum Shot

RF & MICROWAVE TESTING INSTRUMENTS



Product

- Signal Generator
- Spectrum Analyzer
- Network Analyzer
- Power Meter
- Freq. Meter
- Noise Figure

Overall Level

- Coaxial frequency up to 67 GHz, Waveguide frequency up to 750 GHz
- Max signal modulation bandwidth 2 GHz
- Max signal receiving analysis bandwidth up to 550 MHz
- Multi-port, large dynamic range network parameter test
- High power, 1W to 400W output level

COMMUNICATION TESTING INSTRUMENTS



5G Test

- 5G Verification: Communication system modulation, candidate waveform analysis
Frequency range: 24 GHz-30 GHz, 37 GHz-43 GHz, 57 GHz-66 GHz, 71 GHz-86 GHz
- RF bandwidth: 500 MHz

COMMUNICATION TESTING INSTRUMENTS



Product

- Wireless/Mobile Comm Test
- Digital Comm Test
- Network Security Test

Overall Level

- 500 MHz radio communication test bandwidth, 100,000 times/s jump speed
- 10 Gbps data communication test speed (640 Gbps total bandwidth)
- Cover 2G-4G + communication test, offer total solution for chip/terminal/base station
- 5G large bandwidth waveform test, communication system modulation

Professional EMC system Integrated solutions: ESD Generator, EFT/Brust Genertor, Lighting Surge Genertor, Voltage Dips Simulator & other EMC testing Equipment
Models available are :

ESD, EFT/burst and surge immunity test. EFT/burst and surge immunity test.
ESD and surge immunity test. ESD and EFT/burst immunity test.

All models are with built-in fully automatic coupling/decoupling network, full touch screen interface, with the same level performance of international brands.



Multi-function Immunity Tester ESD EFT Surge Combiner

Multi-function Immunity Tester ESD EFT Surge Combiner
Multi-function immunity tester can carry out ESD (electrostatic discharge), EFT (electrical fast transient)/burst and surge immunity test.

EMC S03-W contains three tests for ESD, EFT/burst and surge immunity test.

- EMC S02-W contains EFT/burst and surge immunity test.
- EMC S02-E contains ESD and surge immunity test.
- EMC S02-F contains ESD and EFT/burst immunity test

Standards and basis of product designing & manufacturing

- IEC/EN 61000-4-2 GB/T17626.2
- IEC/EN 61000-4-4 GB/T17626.4
- IEC/EN 61000-4-5 GB/T17626.5



Electrostatic Discharge Generator ESD 20K, ESD 30K

ESD generator is used to evaluate the performance of electrical and electronic equipment, devices, or systems when subject to electrostatic discharge. Our ESD generators fulfill the requirements of standards IEC/EN 61000-4-2 and GB/T17626.2.



Surge Generator SUR S6, SUR S10, SUR T6, SUR T10

Surge pulses occur due to direct or indirect lightning strokes to an external (outdoor) circuit. Another source for surge pulses is switching transients originating from switching disturbances and systems faults. This leads to currents or electromagnetic fields causing high voltage or current transients



Impulse Voltage Generator WVT 255

Impulse voltage generator (or impulse withstanding voltage tester, or impulse test generator, or high voltage surge generator) is mainly used for impulse withstand voltage test of electronic and electrical products and equipment. The performance is in line with standard IEC 60255-5, IEC 60255-27, IEC 61180-1, IEC 61439-1, IEC 60950-1, IEC60060-1, -2, IEC61010, IEC 61730-2, IEC 60335-1 etc. Product can generate different level wave (1.2/50μs) impulse



Power Frequency Magnetic Field Power Frequency Magnetic Field Generator PFM 1200Generator PFM 1200

It is used to evaluate the performance of household, commercial, industrial electrical and electronic equipment under the frequency field (continuous or short) magnetic field. Products fully meet the requirements of standard IEC 61000-4-8 and GB/T 17626.8.



Voltage Dips Generator VDT S Series

Voltage dip/interrupt generator is used to evaluate the performance of electrical and electronic equipment when subjected to voltage sags, short interruptions, and voltage changes. Products fully meet the latest requirements of standard IEC 61000-4-11 and GB/T 17626.11.



Ring Wave Generator RWI S6, RWI T6

A ring wave generator is used to evaluate the performance of electrical and electronic equipment, devices or systems subjected to ring wave. Products fully meet the latest requirements of standard IEC 61000-4-12 & GB/T 17626.12.



Damped Oscillatory Wave Generator OWI T3

Damped oscillatory wave generators are used to evaluate the performance of electrical and electronic equipment, devices or systems subjected to damped oscillatory waves. Products fully meet the requirements of latest standard IEC 61000-4-18 and GB/T17626.18.



RF Conducted Immunity Test System (CS) CIT6000-25

CIT6000-25 RF (Radio-frequency) conducted immunity test system (CS) adopts an integrated design, with built-in signal generator, RF power amplifier, and RF power meter. The device supports external power amplifiers, which has stronger system scalability. CIT6000-25 is equipped with a built-in industrial computer, with a dedicated RF conducted immunity testing software, which can perform fully automatic calibration and testing, greatly improving system scalability and testing efficiency. It supports users to view, save, and print test results on their own. The CS system meet the requirements of standards IEC 61000-4-6, GB/T17626.6, ISO11452-4.



Automotive Electronic Transient Interference Simulator RV P1P2a

Road vehicle electronic transient interference simulator RV P1P2a, also called micro-pulse simulator. P1 is a transient phenomenon when the power supply is disconnected from the inductive load. It is suitable for the use of various DUT on the vehicle. The case of maintaining a direct parallel connection with the inductive load is a transient phenomenon caused by the sudden interruption of the current in the device connected with the DUT due to the inductance of the wire harness. Vehicle electronic transient interference simulator RV P1P2a fully meets the requirements of standard ISO 7637-2.

PROGRAMMABLE AC & DC POWER SUPPLY & DC ELECTRONIC LOADS

Power supplies and electronic loads are an important part of the automatic test equipment (ATE) system. APM has a rich product line of power supplies, electronic loads.

It is suitable for testing all kinds of AC and DC power supplies, chargers, communication power supplies, photovoltaic inverters, LED drive sources, on-board chargers and Suitable for testing in Various Industries like Automotive Electronics, Battery, Electromechanical Equipment, Semiconductor/IC, New Energy

SP-3U/6U Series Wide-range High Power Programmable DC Power Supply

Output Power Range
0~36000W

Output Voltage Range
0~2250V

Output Current Range
0~1200A



(6U)24000W~36000W



(3U)6000W~18000W

- Large Colour Touch Screen with Intuitive interface provides an excellent intuition operational experience
- Battery Simulator function
- Built-in standard Automotive Power Network Voltage Curves
- Adjustable voltage/current slew rate
- DDS Arbitrary function generator

SP-300 Series Single-phase Programmable AC Power Supply

Output Power Range
0~5000W

Output Voltage Range
0~300V

Output Current Range
0~46A



(2U)600W~1500W



(3U)2000W



(4U)3000W~5000W

- Large Color Touch Screen with intuitive interface, easy to operate.
- Features AC, DC, AC+DC output modes, AC+DC output mode for voltage DC offset Simulation.
- Built-in Power Meter function, can real-time measure 15 electrical parameters.
- AC source can measure up to 40 Orders of the Voltage or Current Harmonics.
- Support three phase power output, can simulate three phase unbalanced output.
- Turn on, turn off phase angle control, 0-359.9°

Momentum MS Series Multi-Channel Programmable DC Power Supply

Output Power Range
0~10000W

Output Voltage Range
0~500V/Max 3 Channels

Output Current Range
0~130 A



- Touch Flip Panel design, more convenient to operate and more intuitive to display.
- DDS arbitrary function generator.
- Solar panel I-V curve simulation function.
- Optical Fiber parallel communication, synchronous/independent control up to 300 channels(Optional).
- Universal input voltage, single/three-phase input optional.
- Battery simulator function.
- Built-in standard automotive power network voltage curves.
- Adjustable voltage/current slew rate.

Momentum 400S/H Series Single/Three Phase Programmable Multi-Channel AC Power Supply

Output Power Range
0~768kVA

Output Voltage Range
0~820 Vac

Output Current Range
10~5000Hz



- Full Touch Panel design, Humanized UI interactive experience.
- Output frequency: 10~5000Hz, adjustable voltage, DC current, and frequency output slope.
- Optical Fiber parallel technology, strong anti-interference, near-zero delay, supports up to 768kVA expansion.
- Built-in oscilloscope function, real-time monitoring waveform curve.
- Voltage specification: 420VAC, 820VAC.
- Support single-phase, three-phase, reverse phase, multi-channel output mode, can simulate three-phase unbalance, three-phase harmonic unbalance, phase missing, phase sequence reverse connection and other tests.
- Harmonic/inter-harmonic generation simulation and measurement function.
- DDS Arbitrary Function Generator.

EL-Series High-density Programmable DC Electronic Load

Output Power Range
0~27900W

Output Voltage Range
0~1200V

Output Current Range
0~2880A



(7U)8800W~14700W



(10U)15400W~21300W



(13U)22000W~27900W

EL series - Small Size, High Power Density

- Flippable front panel and Color Touch Screen allow convenient access and operation
- Ultra high precision voltage & current measurement
- Dynamic frequency sweep function for determining worst case voltage peaks
- Adjustable current slew rate, adjustable CV loop speed
- 500kHz high-speed voltage and current sampling rate
- 50kHz high-speed CC/CR dynamic mode
- Short circuit test mode.

TREND NETWORKS – UK has extensive range of Innovative Data cable and Network testing equipment



Product range Includes - Cable certifiers, Data Cable testers, cable verifiers, cable qualifiers, Fibre cable testers, Active Network testers, network transmission testers, PoE testers, CCTV testers, bandwidth testers, industrial ethernet testers, and more.

TREND Networks Product Catalog

Data Cable Testers



LanTEK IV-S

Cable certifier, compliant with ISO, TIA, international standards and etc, up to CAT8 cable certification.



LanTEK III 500MHz

Cable certifier, compliant with ISO, TIA, international standards and etc, up to CAT6A cable certification.



FiberMASTER

Quad OTDR, SM/MM, OTDR, PON OTDR, Power Meter and Light Source with video inspection probe, and visual fault locator.



FiberTEK IV

Tier 1 fiber certifier, including SM, MM modules.



VDV II Series

Coaxial, RJ11/12 cable, RJ45 cable verifier. Wiremap test and distance to open and short.



PoE Pro

PoE tester, compliant with IEEE802.3af/at/bt standards, detect power class from 0-8, max power up to 90W with all VDVII features.



SecuriTEST IP

CCTV verifier, support digital, analogue and IP cameras testing.



TREND NETWORKS

Depend On Us

CCTV, Network, Industrial



Signal TEK QT Cable Qualification Series

Ensure the desired network speed is supported by performing an RF test of the cable to test NEXT, Return Loss and Insertion Loss. Signal TEK QT will display the available performance versus the desired speed with an easy-to-read display. Up to 12 remotes are available for rapid testing. Signal TEK QT allows selection of speeds from 10Mb/s to 10Gb/s including the new 2.5 & 5Gb/s multigig speeds



Signal TEK 10 G Series

10G transmission tester, qualify cable and link performance, have Ping/Trace Route, Net Scan, PoE+, cable S/N margin, Wiremap test features.



Signal TEK CT/NT

1G transmission tester, qualify copper cable, fiber and link performance at 1G speed, have Ping/Trace Route, Net Scan, PoE+, Wiremap test features.



LanXPLORER Pro

Network tester has wiremap, cable tracing with probe, NetMap, port info., Top 10 traffic monitor, VoIP calling monitor and QoS statistics. It has 2 electrical ports, 1 optical port, 1 WiFi port.



UniPRO MGig 1/SEL 1

1G Tester, qualify Network and Link performance. It has RFC2544, Y.1564, BERT, SLA test features. It has 2 electrical ports and 2 optical ports.



NavITEK NT Series

Network tester has wiremap, cable tracing with probe, NetMap, port info., Top 10 traffic monitor, VoIP calling monitor and QoS statistics. It has 2 electrical ports, 1 optical port, 1 WiFi port.



NavITEK IE

Industrial Ethernet tester supports Profinet and standard Ethernet. It can do Profinet NetScan, display devices status and detail information, configure the new device, 48 hours error monitor, compare test results to find out any changes in the networks. It has all NaviTEK NT Pro features as well.





SIGNALTEK QT CABLE QUALIFICATION SERIES

The Signal TEK QT Series delivers complete network visibility with 10 Gigabit Copper and Fibre qualification, along with advanced Wi-Fi diagnostics and troubleshooting.

Key features

Copper Qualification:

Ensure the desired network speed is supported by performing an RF test of the cable to test NEXT, Return Loss and Insertion Loss. SignalTEK QT will display the available performance versus the desired speed with an easy-to-read display. Up to 12 remotes are available for rapid testing. SignalTEK QT allows selection of speeds from 10Mb/s to 10Gb/s including the new 2.5 & 5Gb/s multigig speeds.

Fibre Qualification:

SignalTEK QT Pro qualifies fibre links in accordance with the IEEE 802.3 standard up to 100Gb/s by measuring insertion loss and length of fibre cabling using a convenient loopback test. TREND's high performance SFP modules offer high accuracy insertion loss measurements and the SignalTEK QT Pro detects the installed SFP module to automatically set Pass/Fail limits.

Wi-Fi Testing:

Analyse Wi-Fi channel strength and identify access points that are on overlapping channels to maximise network performance. Channel utilisation graphs help determine which access points (APs) are overloaded with users. Connect to a network and perform diagnostics with ping, traceroute and device scan tests.



FIBERMASTER FUSION SPLICER SERIES

The new Fusion Splicer Series delivers exceptional speed, precision, and reliability, providing fibre optic technicians and network installers with industry-leading tools designed to improve both performance and efficiency.

The Fiber MASTER S60 Fusion Splicer, featuring active core alignment technology, and the S40, with adaptive clad alignment, Both models boast industry-leading repeatability with splice loss as low as 0.01dB, far exceeding ISO/EN/TIA standards

The Fiber MASTER S60 is optimised for trunk networks and high-volume splicing in telecom applications, while the S40 is ideal for fibre-to-the-home (FTTH) installations and enterprise networks,



LANTEK IV CABLE CERTIFIER SERIES

The LanTEK IV-S copper and fibre data cable certifier is the future of cable certification and testing. Saving you time it will test and save a Cat6A link in 7 seconds and certifies links up to Cat8.1 and Cat8.2, including TCL and Resistance Unbalance measurements.

The LanTEK IV cable certifier series brings a new standard to the industry, saving you time and improving profitability. It's time to change the way you certify

- 7 second test time
- World's fastest Cloud enabled certifier
- VisiLINQ™ permanent link adapters
- Project navigation in the Cloud
- Sapphire Care Plan available

LANTEK IV CABLE CERTIFIER SERIES

LanTEK IV-S is a copper and fibre cable certifier. It will test and save a Cat6A link in 7 seconds and certifies links up to Cat8.1 and Cat8.2, including TCL and Resistance Unbalance measurements. Plus, LanTEK IV-S future-proofs your investment – it will sweep to 3000MHz providing room for future ISO/TIA test standards.

Simplify Your Calibration Workflow With

APC SYSTEMS & TECHNOLOGIES NABL CALIBRATION LAB

Precision | Reliability | Excellence

APC SYSTEMS & TECHNOLOGIES Calibration Lab is a newly established calibration service provider in India, offering cost-effective and accurate solutions for various industries.

- **Global Reach, Trusted Quality**
We assist industries worldwide in **implementing, maintaining, and improving** their quality management systems.
- **Committed to Quality & Safety**
With a strong focus on **accuracy, reliability, and compliance**, we ensure that our calibration services consistently meet customer requirements in a **safe, timely, and cost-effective** manner.

Our laboratory is proudly accredited by NABL (National Accreditation Board for Testing & Calibration Laboratories), which is a constituent body of QCI.



NABL-accredited laboratory, as per ISO/IEC 17025 : 2017 standards in Electro-technical calibration services.

On-Site Calibration Services

- **State-of-the-Art Calibration Standards**
Our laboratory maintains cutting-edge calibration standards, with reference instruments traceable to **National Standards**.
- **Highly Experienced Technicians**
Our expert team ensures **precise, reliable, and timely** Electro-Technical Calibration Services.
- **Comprehensive Calibration Capabilities**
We specialize in the calibration of **Current, Voltage, Resistance, Capacitance, Inductance, Time, and Frequency**, ensuring accuracy for all your metrological needs.

Minimize Downtime | Maximize Efficiency

For heavy or non-portable instruments, APC SYSTEMS & TECHNOLOGIES offers **on-site Electro-Technical calibration services** to ensure minimal disruption to your operations.

- **Precision Calibration at Your Location**
Our laboratory is fully equipped to calibrate **industrial and laboratory-grade sourcing and measuring instruments** at your site, maintaining the same high standards as our in-house facility.
- **Reduce Equipment Downtime**
Downtime can be costly, whether it's for **R&D, production testing, or manufacturing**. Our on-site calibration services help you **stay operational while maintaining accuracy and compliance**.



WE HAVE FACILITY TO CALIBRATE FOLLOWING INSTRUMENTS

Oscilloscopes/Differential Probes / Current Probes	Hipot Testers / Probes/ Meters	AC & DC Power Sources (Supplies)	Resistance Standards/ Decade	Multifunction Calibrators Process Calibrators
4½, 5½, 6½ Digit Digital Multimeters	Impedence Analyzers	Power Analyzers	Capacitance/ Inductance Standards	Power/Energy Calibrators
Signal & RF Generators	Battery Testers	AC & DC Electronic (RL) Loads	LCR Meters & Bridges	Loop Calibrator
Frequency Counters	Clamp meters	Single & Three Phase Power Meters	Insulation testers	Scope Calibrators
Spectrum Analyzers	EMC Testers /Surge/ESD/EFT	Leakage Current testers	Milohm & Microohm Meters	Network & Fibre Optics Testers/ Cable Certifiers

WITH RANGES MENTIONED BELOW

Digital Multimeters (Handheld & Benchtop) up to 6½ Digit, Panel Meters	
AC Voltage (20 Hz to 1 kHz)	1 mV to 1000 V
AC Current (20 Hz to 1 kHz)	10 µA to 10 A
AC Current (50 Hz) Clamp Type	10 A to 1000 A
DC Voltage	0.1 mV to 1000 V
DC Current	1 µA to 20 A
DC Current Clamp Type	10 A to 1000 A
DC Resistance	1 Ω to 200 MΩ
Frequency	10 Hz to 200 MHz
Temperature Simulation	RTD, Thermocouple
Milli-Micro Ohm Meters	
DC Resistance up to 100 A	500 µΩ to 100 kΩ
LCR Meters (Handheld & Benchtop)	
Capacitance @	1 kHz 100 pF to 1 mF
Inductance @ 1 kHz	100 µH to 10 H
Digital Power Meters / Power Analysers	
AC Power @ 50 Hz	6 mW to 18 kW; @ 0.2, 0.5, 0.87, 1 PF
Power Factor	0.1 (Lead / Lag) to 1 PF
Digital Storage Oscilloscope(DSO)	
Bandwidth	up to 1.1 GHz
Amplitude (Vertical Disp.)	5 mV to 120 V
Time Base (Horizontal Disp.)	20 ns to 2 s
AC/DC Power Supply	
AC Voltage (50 Hz to 1 kHz)	1 mV to 750 V
AC Current (50 Hz to 1 kHz)	10 µA to 10 A
AC Current (50 Hz)	1 A to 100 A
DC Voltage	0.1 mV to 1000 V
DC Current	1 µA to 200 A

Time & Frequency	
Time Interval Meter	100 ms to 24 Hours
Frequency Generators	10 Hz to 200 MHz
Frequency Counters	10 Hz to 200 MHz
Acoustics	
Sound	94 dB and 114 dB @ 1 kHz
Acceleration & Speed (RPM)	
Digital Tachometers	100 rpm to 99950 rpm
Digital Stroboscope	100 rpm to 99950 rpm
Multifunction Calibrator for simulation	
Temperature Simulation	RTD, Thermocouple
DC Voltage	0 to 24 V
DC Current	0 - 20 mA
Resistance	1 Ω to 200 MΩ
Decade Resistor Box	
DC Resistance up to 30 A	0.002Ω to 100 kΩ
AC Resistance @ 1 kHz	1Ω to 100 kΩ
Capacitance @ 1 kHz	
Capacitance @ 1 kHz	100 pF to 1 mF
Inductance @ 1 kHz	
Inductance @ 1 kHz	100 µH to 10 H
AC / DC Withstand Tester (HV Testers)	
AC High Voltage @ 50 Hz	1 kV to 5 kV
DC High Voltage	1 kV to 6 kV
Insulation Tester	
DC High Resistance up to 5 kV	up to 2 T.Ω
DC Electronic Load	
DC Voltage	upto 1000 V
DC Current	upto 200 A

We are a team committed to delivering quality-driven designs and excellent services

- Ensure Compliance | Enhance Accuracy | Trust the Experts
 - Let us bring precision to your doorstep!
 - Contact Us Today! – 7506445573 / 7506445569
- Email: calibration@automateindia.co.in

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