

## Current Probes for Oscilloscopes, Recorders and Power Analyzers



Built for power systems, EV chargers, industrial equipment, and test labs, to capture:

- Load current
- Harmonics and transients
- Surge and impulse waveforms

*Lightweight. Flexible. Non-intrusive.*

### VT-IN3K Flexible Rogowski Current Probe

<b>Rated Current Input</b>	300/3000A [Selectable]	<b>Ratio</b>	10mV/A, 1mV/A
<b>Maximum Output Overload</b>	5V PP	<b>Minimum Current measurement</b>	1A (Ripple 100mA)
<b>Bandwidth</b>	10Hz - 10kHz	<b>Window Size</b>	150mm diameter
<b>Output Terminal</b>	0.5m BNC male terminal	<b>Protection degree</b>	IP20
<b>Power Supply</b>	2pcs AA 1.5V battery (not included), 3.5*1.3mm DC 5V/2A adaptor(included)	<b>Read Accuracy</b>	0.5% for measurements > 10A, 1% for measurements between 1-10A



Optimized for renewable energy, automotive R&D, variable frequency drives, and technical service centers, to capture:

- Dynamic AC/DC current signatures
- High-resolution harmonics and transients
- Rapid-onset surge and impulse waveforms

*Portable. Adaptable. Seamless.*

### Testec Current Probe TT-CC-220

<b>Rated Current Input</b>	10A - 100A	<b>Ratio</b>	100mV/A - 10mV/A
<b>Bandwidth</b>	DC - 300kHz	<b>Window Size</b>	11mm
<b>Output Terminal</b>	BNC female terminal	<b>DC Measurement Accuracy</b>	±3% ±50 mA @ 100 mV/A (50 mA to 10 A peak) ±4% ±50 mA @ 10 mV/A (500 mA to 40 A peak) ±15% max @ 10 mV/A (40 A peak to 100 A peak)
<b>Power Supply</b>	9V Alkaline (NEDA 1604, IEC 6LR61)		

## Voltage Probes for Oscilloscopes, Recorders and Power Analyzers



Purpose-built for power electronics, medical imaging, radar systems, and high-voltage R&D, to visualize:

- Floating high-potential waveforms
- Precision DC rail characteristics
- Insulation breakdown and peak surges

*Calibrated. Shielded. Precise.*

### Testec TT-HVP08 Voltage Probe [TT-HVP15B for 15kV Voltage Input]

<b>Rated Voltage Input</b>	DC: 8kV; AC: 6kV RMS, Peak 16kV	<b>Attenuation</b>	x1000
<b>Input Impedance</b>	100 MΩ, 3 pF	<b>Compensation Range</b>	10..30pF
<b>Bandwidth</b>	40MHz	<b>Cable Length</b>	2m
<b>Output Terminal</b>	0.5m BNC male terminal	<b>Rise Time</b>	≤9ns



Developed for grid infrastructure, power supply R&D, electrical safety, and industrial certification, to analyze:

- High-speed voltage transients
- AC and DC peak magnitudes
- Dielectric discharge profiles

*Rugged. High-fidelity. Exact.*

### Testec TT-HV200 Voltage Probe

<b>Rated Voltage Input</b>	2000V (DC + Peak AC)	<b>Attenuation</b>	x100
<b>Input Impedance</b>	100MΩ, 5pF	<b>Compensation Range</b>	8~25pF
<b>Bandwidth</b>	300MHz	<b>Cable Length</b>	1.2m
<b>Output Terminal</b>	0.5m BNC male terminal	<b>Rise Time</b>	1.2ns

## Differential Probes for Oscilloscopes, Recorders and Power Analyzers



Tailored for solar PV inverters, three-phase motor drives, UPS systems, and high-voltage power conversion, to characterize:

- Safe floating-potential signals
- High-speed gate-drive switching dynamics
- Common-mode noise and differential transients

*Isolated. High-bandwidth. Resilient.*

### Testec TT-SI8010A Differential Probe

<b>Max. Input Voltage Differential Mode</b>	±700V (DC + AC peak) @ x100 ±7000V (DC + AC peak) @ x1000	<b>Attenuation Ratio</b>	x100 / x1000
<b>Max. Input Voltage Common Mode</b>	±7000V (DC + AC peak)	<b>Max. Input Voltage (each side to ground)</b>	1000Vrms CAT III 2300Vrms
<b>Bandwidth</b>	70MHz	<b>DC-Accuracy</b>	±2%



Engineered for grid infrastructure, power supply R&D, and industrial certification, to analyze:

- Floating voltage measurements up to 1400V (DC + peak AC)
- High-speed switching transients with 30MHz bandwidth
- Common-mode signals in CAT III 1000V environments

*Isolated. High-Fidelity. Certified.*

### Testec TT-SX9002 Differential Probe

<b>Max. Input Voltage Differential Mode</b>	±140V @ x20 ±1400V @ x200	<b>Attenuation Ratio</b>	x20 / x200
<b>Max. Input Voltage Common Mode</b>	±1400V @ x20 ±1400V @ x200	<b>Max. Input Voltage (each side to ground)</b>	1000V CAT III
<b>Bandwidth</b>	30MHz	<b>Risetime</b>	14ns