

# GCP-0275/0550/2525

2 MHz/5 MHz/25 MHz  
AC/DC Current Probe



**GCP-2525**  
25 MHz AC/DC Current Probe



**GCP-0550**  
5 MHz AC/DC Current Probe



**GCP-0275**  
2 MHz AC/DC Current Probe

## FEATURES

- \* Easy-to-use and Accurate AC/DC Current Measurements
- \* Low Noise and DC Drift
- \* Split-core Probe Head Construction Allows Easy Connection to Conductors



Applicable Device: GDS-3000A Series, GDS-3000 Series, MPO-2000 Series, MSO-2000EA Series, MDO-2000A Series, MDO-2000E Series, GDS-2000A Series, GDS-2000E Series, GDS-1000B Series, GDS-900 Series

## APPLICATIONS

- \* Power Supplies
- \* Motor Drives
- \* Semiconductor Devices
- \* Power Inverters/Converters
- \* Industrial/Consumer Electronics
- \* Transportation Systems
- \* Electronic Ballasts



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## SPECIFICATIONS

Model	GCP-0275	GCP-0550	GCP-2525
Bandwidth (-3 dB)	DC to 2 MHz	DC to 5 MHz	DC to 25 MHz
DC + Peak AC MAX. ( non-continuous )	750 A (*1)	500 A (*2)	250 A (*3)
Continuous Maximum Current (RMS)	500 Arms	350 Arms	170 Arms
Minimum Current	50 mA	20 mA	20 mA
Rise Time	175 ns or less	70 ns or less	14 ns or less
Conversion Ratio	2 mV/A (X 500) 20 mV/A (X 50)	5 mV/A (X 200) 50 mV/A (X 20)	10 mV/A (X 100) 100 mV/A (X 10)
Accuracy	2 mV/A : 1 % ± 1 mV 20 mV/A : 1 % ± 1 mV	5 mV/A : 1 % ± 1 mV 50 mV/A : 1 % ± 2 mV	10 mV/A : 1 % ± 1 mV 100 mV/A : 1 % ± 5 mV
Current Range ( DC + Peak AC )	2 mV/A : 125 A to 750 A 20 mV/A : 50 mA to 150 A	5 mV/A : 50 A to 500 A 50 mV/A : 20 mA to 50 A	10 mV/A : 25 A to 250 A 100 mV/A : 20 mA to 25 A
Noise (RMS)	50 mA	20 mA	20 mA
Weight (Probe)	390 g	380 g	370 g
Size (Probe)	62.28 mm (W) x 151.85 mm (H) x 26.4 mm (D)		
Intended Output Load	1 MΩ		
Clamp Dia.	20 mm		
Power Supply	DC 12 V / 2 A		
Operating Temperature and Humidity	0 °C to 50 °C / 20 %RH to 75 %RH		
Insulated Line Voltage	600 V CAT II / 300 V CAT III		

Note : \*1. 750 A peak at pulse width of ≤ 30 μs  
\*2. 500 A peak at pulse width of ≤ 30 μs  
\*3. 250 A peak at pulse width of ≤ 30 μs

Specifications subject to change without notice. GCP-0275/0550/2525\_ID1DH

## ORDERING INFORMATION

**GCP-0275 2 MHz AC/DC Current Probe**  
**GCP-0550 5 MHz AC/DC Current Probe**  
**GCP-2525 25 MHz AC/DC Current Probe**

## ACCESSORIES

Current Probe x 1  
 Power Adapter with interchangeable Plugs x 1  
 AC Plug Changeable (CN/US/UK/EU) x 1  
 BNC to BNC Cable(with 50 ohm terminal) x 1  
 Packing List x 1



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