

# DIFFERENTIAL VOLTAGE PROBE

## Model DP-25

The Differential Voltage Probe Model DP-25 enables users to safely make measurements on floating circuits with grounded oscilloscopes. The Model DP-25 converts floating voltages to low voltage ground referenced signals. It can be viewed or measured on grounded oscilloscopes and prevents users from shorting circuits and equipment to ground.

### Features

- Differential Voltage for accurate measurements of floating voltages with any oscilloscope
- Selectable attenuation Levels x20, x50 and x200
- DC to 25MHz bandwidth
- Measure fast dV/dt signals for accurate switching wave forms
- Measure floating signals on power components (thyristors, bipolar transistors, MOSFETs)
- Ideal for measurements in switching power supplies and motor drives
- Measure telecommunication and RS-232 signals
- Ideal for lab technicians, engineers, field service and education application
- Dual supply: 9V battery or external DC power supply
- Designed to EN 61010, UL 3111 and CE Mark



Includes pair of red and black probes with spring hooks, BNC to BNC cable, battery, carrying case and user manual

SPECIFICATIONS			
MODEL	DP-25		
Attenuation	x200	x50	x20
MAXIMUM VOLTAGE INPUT			
Vac peak to peak + DC	±1300V	±350V	±140V
Vrms	460Vrms	125Vrms	50Vrms
Vdc	±460Vdc	±125Vdc	±50Vdc
OSCILLOSCOPE VERTICAL SETTING	EFFECTIVE V/DIV*		
1V/div	200V	50V	20V
0.5V/div	100V	25V	10V
0.2V/div	40V	10V	4V
0.1V/div	20V	5V	2V
50mV/div	10V	2.5V	1V
20mV/div	4V	1V	100mV
10mV/div	2V	500mV	200mV
5mV/div	1V	250mV	100mV
2mV/div	400mV	100mV	40mV

\*Effective V/div equals attenuation factor multiplied by Vertical setting  
(e.g. 50mV/div by x 50 = 2.5 V/div)

CATALOG NO.	DESCRIPTION	
2118.43	Differential Voltage Probe Model DP-25	\$298.00
<b>Accessories</b>		
2118.44	DC Power Supply	\$10.00
2118.45	Leads, set of 2, replacement	\$20.00

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