

# Acute ADP series Differential Probe

- USB Power (power bank)
- Bandwidth : 25MHz / 100MHz
- Bandwidth limit : 5MHz / Full
- Over-range indicator
- Over-range alarm
- Double-layer probe cable for power insulation
- EC conformity : EN 61010-031:2002 + A1:2008
- Works for any DSO with an USB port



Model	ADP1025   ADP1100	ADP2025   ADP2100	ADP5025   ADP5100
Bandwidth	25MHz 100MHz	25MHz 100MHz	25MHz 100MHz
Attenuation	10X / 100X	20X / 200X	50X / 500X
Input Voltage (DC+ pk AC)	700V	1400V	3500V
Measurement Categories	CAT II 600V CAT III 300V	CAT II 1000V CAT III 600V	CAT I 2300V CAT III 1000V



145 x 45 x 20 mm<sup>3</sup>

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# Differential Probe

Model	ADP1025	ADP1100	ADP2025	ADP2100	ADP5025	ADP5100
Bandwidth (-3dB)	25MHz	100MHz	25MHz	100MHz	25MHz	100MHz
Attenuation	1:10/100		1:20/200		1:50/500	
DC Gain Accuracy	±2%					
Offset zero (Scope gain=1X)	±10 mV					
Input Impedance	Between Inputs		10Mohm, 1pF			
	Each input to Gnd		5Mohm, 2pF			
Rise time (small signal, 10-90%, 20-30°C)	14ns	≤3.7ns	14ns	≤3.7ns	14ns	≤3.7ns
	Diff. Vin (DC+ pk AC)		200X: ±1400V 20X: ±140V		500X: ±3500V 50X: ±350V	
Input voltage	Comm. Vin		±1400V		±3500V	
	Max. Vin to Earth EN 61010-031:2002 +A1:2008		CAT II 600V CAT III 300V		CAT I 2300V CAT III 1000V	
	Impulse withstand		2500V		4000V	
			60Hz: > 80dB 100kHz: > 60dB 3MHz: > 40dB 10MHz: > 35dB			
Output swing	±7V (to 1Mohm load)					
Offset adjusting range (Scope gain=1X)	Coarse: ±150mV Fine: ±30mV					
Bandwidth limit filters	-3dB @ ~5MHz					
Diff. overvoltage detection level	100X: >  ±700  V 10X: >  ±70  V		200X: >  ±1400  V 20X: >  ±140  V		500X: >  ±3500  V 50X: >  ±350  V	
	Operating		0°C to 40°C (32°F to 104°F)			
Temperature	Storage		-30°C to 70°C (-22°F to 158°F)			
	Operating		5 to 85% RH (Relative Humidity) @ 0°C to 40°C (32°F to 104°F)			
Humidity	Storage		5 to 85% RH @ up to 40°C (104°F)			
			5 to 45% RH @ 40 to 70°C (104 to 158°F)			
Power requirement	USB (5V, < 250mA)					
Body dimension(mm³)	145,45,20 (L,W,H)					
Weight	180g (Probe body only)					
Length of BNC / USB-cable	90 cm					
Length of Lead-cable	24 cm					

※ Only connect to a grounded oscilloscope !

## Packing list

Item	Quantity
1. ADP device	1
2. Grip (Red, Black)	1,1
3. Extension cord 90cm (Red, Black)	1,1
4. Adjusting rod	1
5. Soft case	1

Manual Download link at <http://www.acute.com.tw>

**Acute**  
PC-based T&M Instruments

