

# Acute Differential Probe ADP1025 / ADP2025

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



Model	Attenuation	Input Voltage (DC+ pk AC)	CAT II / III
ADP1025	10X / 100X	700V Differential	600V / 300V
ADP2025	20X / 200X	1400V Differential	1000V / 600V



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

## Acute®

PC-based T&M Instruments

Acute Technology Inc.

Tel: +886-2-2999-3275 E-mail: [service@acute.com.tw](mailto:service@acute.com.tw) <http://www.acute.com.tw>



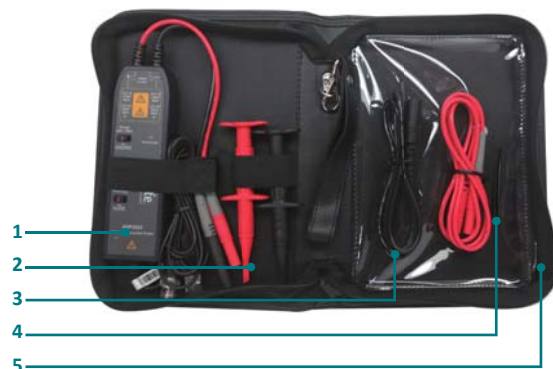
## Differential Probe

Model		ADP1025	ADP2025
Bandwidth (-3dB)		DC to 25MHz	
Attenuation		1:10/100	1:20/200
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	
Input voltage	Diff. Vin	100X: ±700V (DC+ pk AC) 10X: ±70V (DC + pk AC)	200X: ±1400V (DC + pk AC) 20X: ±140V (DC + pk AC)
	Comm. Vin	±700V	
	Max. Vin to Earth EN 61010-031:2002 +A1:2008	CAT II 600V CAT III 300V	CAT II 1000V CAT III 600V
	Impulse withstand	2500V	4000V
CMRR (typical)		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
Temperature	Operating	0°C to 40°C (32°F to 104°F)	
	Storage	-30°C to 70°C (-22°F to 158°F)	
Humidity	Operating	5 to 85% RH (Relative Humidity) @ 0°C to 40°C (32°F to 104°F)	
	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		90cm	
Length of Lead-cable		24cm	

## 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>



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