

Acute Differential Probe ADP1025 / ADP2025

- USB Powered (or Power Bank)
- Bandwidth up to 25 MHz
- Overrange Indicator
- Audible Overrange Alarm
- Bandwidth Limit : 5 MHz / Full
- Can be used by any DSO which has the USB port(s).



Model	Attenuation	Input Voltage (DC+ pk AC)
ADP1025	10X / 100X	700V Differential
ADP2025	20X / 200X	1400V Differential



145 x 45x 20 mm³

Acute[®]

PC-based T&M Instruments

Acute Technology Inc.

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



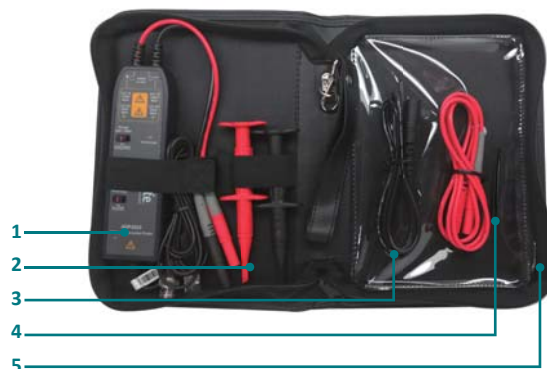
Differential Probe

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	CAT I 1000V CAT II 600V	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>



Acute

Acute Technology Inc.

PC-based T&M Instruments

Tel: +886-2-2999-3275

E-mail: service@acute.com.tw

<http://www.acute.com.tw>