

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 mm³

Acute®

PC-based T&M Instruments

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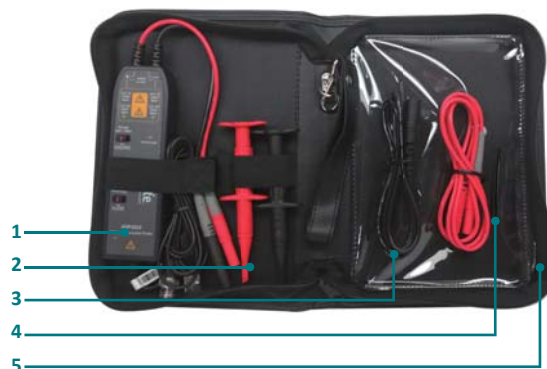
Differential Probe

| 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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