

PINTEK

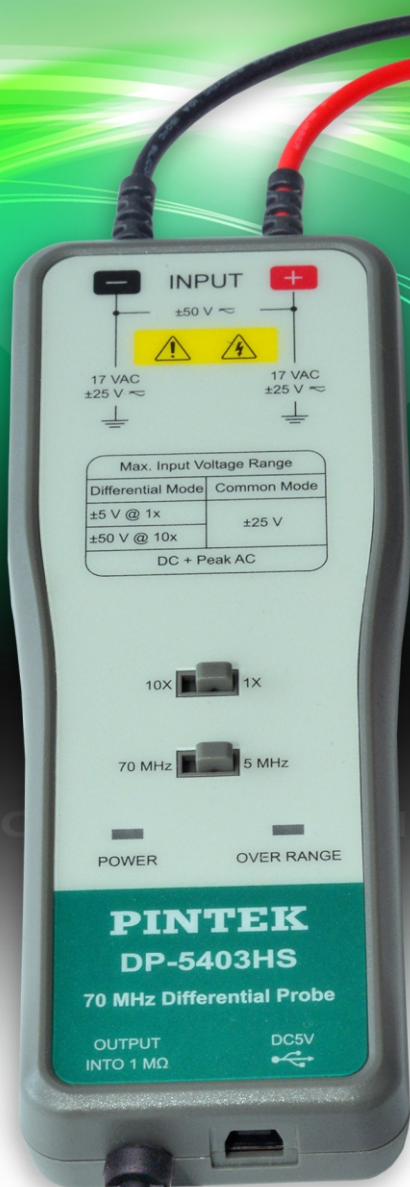
High Sensitivity Differential Probe

★ **High Sensitivity Model !**

DP-5403HS

Features:

- **1:1 Model,**
Attenuation: X1 or X10
- **High Frequency Operation**
70 MHz Full Range
- **Input Impedance:**
X1: 1 M Ω // 6 PF
X10: 1 M Ω // 1 PF
- **Especially for Low Voltage:**
X1: ± 5 V DC or 10 V p-p
X10: ± 50 V DC or 100 V p-p



| Max. Input Voltage Range | |
|--------------------------|-------------|
| Differential Mode | Common Mode |
| ± 5 V @ 1x | ± 25 V |
| ± 50 V @ 10x | |

DC + Peak AC

PINTEK
DP-5403HS
70 MHz Differential Probe

OUTPUT INTO 1 M Ω DC5V



Pintek Electronics Co., Ltd
www.pintek.com.tw

DP-5403HS High Sensitivity Differential Probe

SPECIFICATIONS:

| FUNCTION / MODEL | DP-5403HS |
|-------------------------------|---|
| Bandwidth (-3dB) | 70 MHz |
| Rise Time | ≈ 5 nS |
| Range (Switchable) | X1, X10 |
| Input Impedance (Between) | X1: 1 MΩ // 6 PF X10: 1 MΩ // 1 PF |
| Each Input to Ground | X1: 500 KΩ // 12 PF X10: 500 KΩ // 2 PF |
| Differential Voltage | X1: ± 5 V DC or < 10 Vp-p (DC+AC peak) X10: ± 50 V DC or < 100 Vp-p (DC+AC peak) |
| Common Mode Voltage to Ground | X1: ± 2.5 V DC or < 1.7 Vrms X10: ± 25 V DC or < 17 Vrms |
| Accuracy | ≤ ± 2% |
| Output Impedance | 50 Ω (for 1 MΩ Input Oscilloscope) |
| Output Voltage | ≤ ± 5 V |
| Rejection Rate on Common Mode | 60 Hz > 80 dB, 100Hz > 60 dB, 1MHz > 50dB |
| 5 MHZ Limit Bandwidth | Switchable: Full / 5MHz |
| Power Supply | External 5 V DC (USB Input), consumption about 300 mA |

ACCESSORIES:



PINTEK

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