

# **PINTEK**

# Differential Probe

- ★ *High Sensitivity Model !*
- ★ *x1, x10, x100 Attenuator*

## **DP-800HS**



### **FEATURES:**

- *1:1 High Sensitivity*
- *100 Gain Design*
- *x1, x10, x100 Attenuator*
- *Bandwidth: DC-50MHz*
- *Input Impedance  $3M\Omega // 2.5PF$*
- *Max. 800Vp-p Input or  $\pm 400V$  DC or AC 280V RMS*
- *Output Impedance  $50\Omega$*



**Pintek Electronics Co., Ltd**  
[www.pintek.com.tw](http://www.pintek.com.tw)

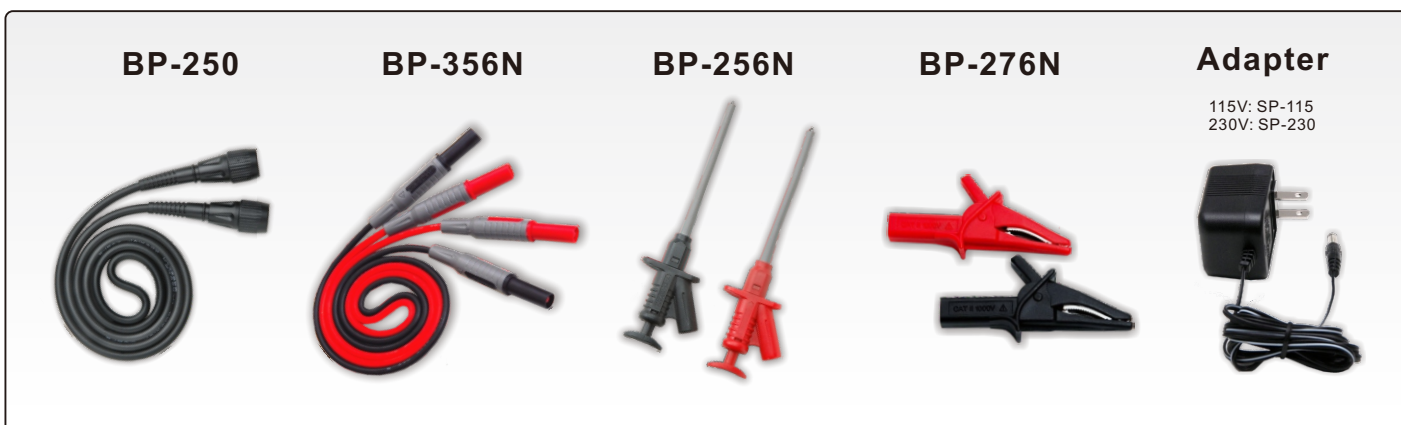
# DP-800HS Differential Probe

## SPECIFICATIONS:

FUNCTION / MODEL	DP-800HS
Differential Voltage DC + AC peak	800V
Bandwidth (50Ω load -3dB)	50MHz (x1, x10) ; 20MHz (x100)
Common Mode Voltage DC + AC peak	800V
Common Mode Voltage RMS CAT II / CAT III	280Vrms
To Ground Maximum Voltage	400V CAT III
Attenuation (Switchable)	x1, x10, x100
Input R (Each Input)	1.5MΩ ± 2%
Input C (Each Input)	≈ 5P
Maximum Operation Voltage (DC+ AC peak)	≤ 8V at x1 ; ≤ 80V at x10 ≤ 800V at x100
Common Mode Rejection Ratio (CMRR)	60 Hz: > 10000 : 1 100 Hz: > 1000 : 1 1MHz: > 300 : 1
Noise (Into 50Ω Load)	≤ 1.0m Vrms
Input Impedance (Between Input)	3MΩ // 2.5PF
Accuracy (at 20~30°C 70%RH after 20 minutes)	≤ ± 2%
Maximum Output Voltage	≤ 8V p-p
Power Source	External 9V DC Adaptor
Other	Over Range Indicate



## ACCESSORIES:



# **PINTEK**

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