

# PINTEK Differential Probe Selection Guide 1/3

Apr-20

MODEL	<i>DP-25</i>	<i>DP-35</i>	<i>DP-65pro</i>	<i>DP-50</i>	<i>DP-100</i>	<i>DP-60HS</i>	<i>DP-15K</i>
<b>FEATURE</b>	Economic Model 1.4KVp-p	x10 Gain 1.6KVp-p Function	1.6KVp-p Performance	Economic Model 7KVp-p High Voltage	7KVp-p High Voltage High Frequency	Super High Sensivity Mini Voltage	x10 Gain 15KVp-p High Voltage
<b>Bandwidht</b>	25MHz	35MHz	65MHz	50MHz	100MHz	60MHz	35MHz
<b>Max Sensivity</b>	20mV/DIV	10mV/DIV	20mV/DIV	100mV/DIV	100mV/DIV	1mV/DIV	100mV/DIV
<b>Max Measurement DC</b>	+/- 700VDC	+/- 800VDC	+/- 800VDC	+/- 3.5KVDC	+/- 3.5KVDC	+/- 35 VDC	+/- 7.5KVDC
<b>Max Measurment AC p-p</b>	~1400Vp-p	~1600Vp-p	~1600Vp-p	~7KVp-p	~7KVp-p	~70Vp-p	~15KVp-p
<b>Max Measurement AC RMS</b>	~490V RMS	~560V RMS	~560V RMS	~2.4KV RMS	~2.4KV RMS	~24V RMS	~5.3KV RMS
<b>Attenuator Selection Range</b>	3/x20 ,x50,x200	2/x10 ,x100	3/x20 ,x50,x200	4/x100 ,x200,x500 ,x1000	4/x100 ,x200,x500 ,x1000	3/x1 ,x5,x10	2/x100 ,x1000
<b>Input Impedance (Differential Input)</b>	4 MΩ 1 PF	8 MΩ 2.5 PF	18 MΩ 1.2 PF	20 MΩ 1.2 PF	16 MΩ 1.2 PF	2 MΩ 2.5 PF	30 MΩ 1.5 PF
<b>Input Resistance (Each Ground)</b>	2 MΩ 2PF	4 MΩ 5PF	9 MΩ 2.4PF	8 MΩ 3PF	8 MΩ 3PF	1 MΩ 5PF	15 MΩ 3PF
<b>Overload Indicator</b>	○	○	○	○	○	○	○
<b>Carry Box</b>	----	----	○	----	○	----	----
<b>Adaptor</b>	○	○	○	○	○	○	○
<b>Accessories</b>	BP-250 BP-256N BP-356N	BP-250 BP-256N BP-276N BP-286 BP-366	BP-250 BP-256N BP-276N BP-286 BP-366	BP-250 BP-266N BP-366	BP-250 BP-266N BP-276N BP-286 BP-366	BP-250 BP-256N BP-356N	BP-250 BP-266N BP-276N BP-286 BP-366

※ Specifications and appearance design to change without notification.  
 Adaptors can be selected by 100V (JS), 110V (UL), 220V (VDE) or 240V (SAA/BS)

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MODEL	<i>DP-30K</i>	<i>DP-40K</i>	<i>DP-800HS</i>	<i>DP-8V</i>	<i>DP-16V</i>	<i>DP-30HS</i>	<i>DP-20K</i>
FEATURE	x10 Gain 30KVp-p High Voltage	40KVp-p Supper High Voltage	x100 Gain Supper High Sensivity Performance	x100 Gain Super Big Range High Voltage	x100 Gain Super Big Range High Voltage	x10 Gain Super High Sensivity	x10 Gain 4 Attenuation High Voltage
Bandwidht	50MHz	20MHz	50MHz	50MHz	50MHz	30MHz	20MHz
Max Sensivity	200mV/DIV	500mV/DIV	1mV/DIV	10mV/DIV	20mV/DIV	1mV/DIV	300mV/DIV
Max Measurement DC	+/- 15KVDC	+/- 20KVDC	+/- 400VDC	+/- 4KVDC	+/- 8KVDC	+/- 33VDC	+/- 10KVDC
Max Measurement AC p-p	~30KVp-p	~40KVp-p	~800Vp-p	~8KVp-p	~16KVp-p	~65Vp-p	~20KVp-p
Max Measurement AC RMS	~10.6KV RMS	~14KV RMS	~280V RMS	~2.8KV RMS	~5.6KV RMS	~22V RMS	~8KV RMS
Attenuator Selection Range	2/x200 ,x2000	2/x500 ,x5000	3/x1 ,x10,x100	3/x10 ,x100,x1000	3/x20 ,x200,x2000	3/x1 ,x2,x10	4/x300 ,x600,x1500 ,x3000
Input Impedance (Differential Input)	40 MΩ 1.3 PF	100 MΩ 1 PF	3 MΩ 2.5 PF	20 MΩ 2 PF	30 MΩ 1.5 PF	2 MΩ 1.7 PF	100 MΩ 1.3 PF
Input Resistance ( Each Ground )	20 MΩ 2.6PF	50 MΩ 2PF	1.5 MΩ 5PF	10 MΩ 4PF	15 MΩ 3PF	1 MΩ 3.4PF	50 MΩ 2.5PF
Overload Indicator	○	○	○	○	○	○	○
Carry Box	○	○	○	○	○	○	○
Adaptor	○	○	○	○	○	○	○
Accessories	BP-250 BP-266N BP-276N BP-286 BP-366	BP-250 BP-266N BP-276N BP-286 BP-366	BP-250 BP-256N BP-276N BP-286 BP-366	BP-250 BP-266N BP-276N BP-286 BP-366	BP-250 BP-266N BP-276N BP-286 BP-366	BP-250 BP-256N BP-276N BP-286 BP-366	BP-250 BP-266N BP-276N BP-286 BP-366

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MODEL	<i>DP-16K</i>	<i>DP-16KM</i>	<i>DP-16KL</i>	<i>DP-02VF</i>	<i>DP-08VF</i>	<i>DP-16VF</i>	
FEATURE	x10 Gain High Voltage, High Frequency 16KVp-p	x10 Gain  16KVp-p	x10 Gain Economic Model 16KVp-p	x10 Gain Super High Sensitivity 80Vp-p	x10 Gain 150MHz	x10 Gain 150MHz	
					800Vp-p	16KVp-p	
Bandwidht	100MHz	70MHz	50MHz	150MHz	150MHz	150MHz	
Max Sensivity	100mV/DIV	100mV/DIV	100mV/DIV	2mV/DIV	10mV/DIV	100mV/DIV	
Max Measurement DC	+/- 8KVDC	+/- 8KVDC	+/- 8KVDC	+/- 40VDC	+/- 400VDC	+/- 8KVDC	
Max Measurement AC p-p	~16KVp-p	~16KVp-p	~16KVp-p	~80Vp-p	~800Vp-p	~16KVp-p	
Max Measurement AC RMS	~5.6KV RMS	~5.6KV RMS	~5.6KV RMS	~28V RMS	~280V RMS	~5.6KV RMS	
Attenuator Selection Range	2/x100 ,x1000	2/x100 ,x1000	2/x100 ,x1000	2/x2 ,x20	2/x20 ,x200	2/x400 ,x4000	
Input Impedance (Differential Input)	20 MΩ 5 PF	20 MΩ 5 PF	20 MΩ 5 PF	1 MΩ 5 PF	20 MΩ 7.5 PF	20 MΩ 5 PF	
Input Resistance ( Each Ground )	10 MΩ 10PF	10 MΩ 10PF	10 MΩ 10PF	500 KΩ 10PF	10 MΩ 15PF	10 MΩ 10PF	
Overload Indicator	○	○	○	○	○	○	
Carry Box	○	----	----	○	○	○	
Adaptor	○	○	○	○	○	○	
Accessories	BP-250 BP-266N BP-276N BP-286 BP-366	BP-250 BP-266N BP-276N BP-286 BP-366	BP-250 BP-266N BP-276N BP-286 BP-366	BP-250 BP-256N BP-276N BP-286 BP-366	BP-250 BP-256N BP-276N BP-286 BP-366	BP-250 BP-266N BP-276N BP-286 BP-366	

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