

## Powertek Differential Probe (DP) Comparison Chart

Model	DP-25	DP-35	DP-60HS	DP-40K	DP-50	DP-15K	DP-16K
<b>Feature</b>	Economic model 1.4KV p-p	X 10 Gain 1.6KV p-p Function	Super High Sensitivity Mini Voltage	40KV p-p Super High Voltage	Economic Model 7KV p-p High Voltage	x 10 Gain 15KV p-p High Voltage	x 10 Gain 16KV p-p High Voltage, High Frequency
<b>Bandwidth</b>	25MHz	35MHz	60MHz	20MHz	50MHz	35MHz	100MHz
<b>Max Sensitivity</b>	20mV/ DIV	10mV/ DIV	1mV/ DIV	500mV/ DIV	100mV/ DIV	100mV/ DIV	100mV/ DIV
<b>Max Measurement DC</b>	+/- 700VDC	+/- 800 VDC	+/- 35 VDC	+/- 20K VDC	+/- 3.5K VDC	+/- 7.5K VDC	+/- 8K VDC
<b>Max Measurement AC p-p</b>	~1400Vp-p	~1600Vp-p	~70Vp-p	~40KVp-p	~7KVp-p	~15KVp-p	~16KVp-p
<b>Max Measurement AC RMS</b>	~490V RMS	~560V RMS	~24V RMS	~14KV RMS	~2.4KV RMS	~5.3KV RMS	~5.6KV RMS
<b>Attenuator Selection Range</b>	3 /x20 x50, x200	2 /x10 x100	3 /x1 x5, x10	2 /x500 x5000	4 /x100 x200, x500 x1000	2 /x100 x1000	2 /x100 x1000
<b>Input Impedance (Differential Input)</b>	4 MΩ 1 PF	8 MΩ 2.5 PF	2 MΩ 2.5 PF	100 MΩ 1 PF	20 MΩ 1.2 PF	30 MΩ 1.5 PF	20 MΩ 5 PF
<b>Input Resistance (Each Ground)</b>	2 MΩ 2PF	4 MΩ 5PF	1 MΩ 5PF	50 MΩ 2PF	8 MΩ 3PF	15 MΩ 3PF	10 MΩ 10PF
<b>Overload Indicator</b>	○	○	○	○	○	○	○
<b>Carry Box</b>	----	----	----	○	----	----	○
<b>Adapter</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-356N	BP-250 BP-266N 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-266N BP-276N BP-286 BP-366



For UK Sales & Support, Service & Deliveries:  
 Powertek UK Limited: Unit 13B, Southview Park,  
 Marsack Street, Reading, RG4 5AF, UK  
 Tel: +44 (0)118 370 2004 Email: [info@powertekuk.com](mailto:info@powertekuk.com)  
 Website: [www.powertekuk.com](http://www.powertekuk.com)

## Powertek Differential Probe (DP) Comparison Chart

Model	DP-30K	DP-8V	DP-16V	DP-16VF	DP-02VF	DP-08VF
<b>Feature</b>	x 10 Gain 30KV p-p High Voltage	x 100 Gain Super big Range High Voltage	x 100 Gain Super big Range High Voltage	x 10 Gain 150MHz 16KV p-p	x 10 Gain Super High Sensitivity 80V p-p	x 10 Gain 150MHz 800V p-p
<b>Bandwidth</b>	50MHz	50MHz	50MHz	150MHz	150MHz	150MHz
<b>Max Sensitivity</b>	200mV/ DIV	10mV/ DIV	20mV/ DIV	100mV/ DIV	2mV/ DIV	10mV/ DIV
<b>Max Measurement DC</b>	+/- 15K VDC	+/- 4K VDC	+/- 8KVDC	+/- 8KVDC	+/- 40 VDC	+/- 400 VDC
<b>Max Measurement AC p-p</b>	~30KVp-p	~8KVp-p	~16KVp-p	~16KVp-p	~80Vp-p	~800Vp-p
<b>Max Measurement AC RMS</b>	~10.6KV RMS	~2.8KV RMS	~5.6KV RMS	~5.6KV RMS	~28V RMS	~280V RMS
<b>Attenuator Selection Range</b>	2 / x200 x2000	3 / x10 x100, x1000	3 / x20 x200, x2000	2/x400 x4000	2 / x2 x20	2/x20 x200
<b>Input Impedance (Differential Input)</b>	40 MΩ 1.3 PF	20 MΩ 2 PF	30 MΩ 1.5 PF	20 MΩ 5 PF	1 MΩ 5 PF	20 MΩ 7.5 PF
<b>Input Resistance (Each Ground)</b>	20 MΩ 2.6PF	10 MΩ 4PF	15 MΩ 3PF	10 MΩ 10PF	500 KΩ 10PF	10 MΩ 15PF
<b>Overload Indicator</b>	○	○	○	○	○	○
<b>Carry Box</b>	○	○	○	○	○	○
<b>Adapter</b>	○	○	○	○	○	○
<b>Accessories</b>	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-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



For UK Sales & Support, Service & Deliveries:  
 Powertek UK Limited: Unit 13B, Southview Park,  
 Marsack Street, Reading, RG4 5AF, UK  
 Tel: +44 (0)118 370 2004 Email: [info@powertekuk.com](mailto:info@powertekuk.com)  
 Website: [www.powertekuk.com](http://www.powertekuk.com)