

N Series Differential Probes

Model	Bandwidth (-3dB)	Input Impedance	Attenuation Ratio	Accuracy	Max.Voltage (Vp-p)	AC/RMS
N1008A	DC-50MHz	4MΩ//1.3PF	1:100/10	1%	800V@1/100 80V@1/10	280V
N1008B	DC-100MHz	4MΩ//1.3PF	1:100/10	1%	800V@1/100 80V@1/10	280V
N1000A	DC-40MHz	4MΩ//1.3PF	1:1000/100	1%	1400V@1/1000 140V@1/100	490V
N1015A	DC-100MHz	8MΩ//1PF	1:1000/100	1%	1500V@1/1000 150V@1/100	530V
N1015B	DC-100MHz	8MΩ//1PF	1:50/500	1%	1500V@1/1000 150V@1/100	530V
N1030A	DC-50MHz	8MΩ//1PF	1:1000/100	1%	3000V@1/1000 300V@1/100	1060V
N1030B	DC-100MHz	8MΩ//1PF	1:1000/100	1%	3000V@1/1000 300V@1/100	1060V
N1070A	DC-50MHz	20MΩ//1PF	1:1000/100	1%	7000V@1/1000 700V@1/100	2470V
N1070B	DC-100MHz	20MΩ//1PF	1:1000/100	1%	7000V@1/1000 700V@1/100	2470V
N1100A	DC-100MHz	20MΩ//1PF	1:1000/100	1%	10KV@1/1000 1KV@1/100	3530V
N1140A	DC-100MHz	20MΩ//1PF	1:1000/100	1%	14KV@1/1000 1.4KV@1/100	4950V

PT/DP Series Differential Probes

Model	Bandwidth (-3dB)	Measuring Range	Accuracy	Attenuation Ratio	Input Impedance	Power Supply
DP-30HS	DC-30MHz	1mV ~ 65V	2%	x1,x2,x10	2MΩ//1.7PF	A
DP-60HS	DC-60MHz	1mV ~ 70V	2%	x1,x5,x10	1MΩ//2.5PF	A
DP-40LV	DC-40MHz	10mV ~ 650V	2%	x10,x20,x100	4MΩ//1.7PF	A
DP-25	DC-25MHz	200mV ~ 1KV	2%	x20,x50,x200	4MΩ//1.7PF	A
DP-35	DC-35MHz	0mV ~ 1.6KV	2%	x10,x100	8MΩ//1.7PF	A
DP-65Pro	DC-65MHz	20mV ~ 1.6KV	2%	x20,x50,x200	18MΩ//1.7PF	A
DP-50	DC-50MHz	100mV ~ 6.5KV	2%	x100,x200,x500,x1000	16MΩ//1.2PF	A
DP-100	DC-100MHz	50mV ~ 6.5KV	2%	x100,x200,x500,x1000	16MΩ//1.2PF	A
DP-7500	DC-50MHz	100mV ~ 7KV	2%	x100,x200,x500,x1000	54MΩ//1.2PF	A
PT-5208	DC-50MHz	8KV	2%	x10,x100,x1000	20MΩ//2PF	A
PT-5150	DC-150MHz	10mV ~ 8KV	2%	x10,x30,x100,x300,x1000	100MΩ//1.25PF	A
PT-5215	DC-35MHz	15KV	2%	x100,x1000	20MΩ//1.3PF	A
PT-5216	DC-50MHz	16KV	2%	x20,x200,x2000	30MΩ//1.5PF	A
PT-5120	DC-20MHz	300mV ~ 20KV	2%	x300,x600,x1500,x3000	100MΩ//1.25PF	A
PT-5220	DC-120MHz	30mV ~ 22KV	2%	x30,x100,x300,x1000,x3000	100MΩ//1.3PF	A
PT-5230	DC-50MHz	30KV	2%	X200,x2000	60MΩ//1.3PF	A
PT-5240	DC-20MHz	40KV	2%	X500,x5000	100MΩ//1PF	A
PT-8001	DC-25MHz	700V	2%	X10,x100	8MΩ//2.75PF	A & B
PT-8101	DC-100MHz	700V	2%	X10,x100	8MΩ//1.25PF	A & B
PT-8002	DC-25MHz	1.4KV	2%	X20,x200	8MΩ//2.75PF	A & B
PT-8110	DC-100MHz	1.4KV	2%	X100,x1000	8MΩ//1PF	A & B
PT-8010	DC-70MHz	7KV	2%	X100,x1000	20MΩ//1PF	A & B
PT-8020	DC-70MHZ	14KV	2%	X100,x1000	20MΩ//1PF	A & B

Note: “A” is externally powered. “B” is battery powered

Current Probes

Model	Feature	Bandwidth	Measuring range	Max.RMS current	Output Ratio	Rise time	Accuracy	
PT-710	AC&DC	100KHz	50mA ~ 100A	70A	100mV/A, 10mV/A	3.5us	2%	
PT-2710		100KHz	0.4A ~ 60A	20A	50mV/A, 5mV/A	3.5us	2%	
PT-2720		150KHz	0.4A ~ 200A	70A	50mV/A, 5mV/A	2.3us	2%	
PT-2740		150KHz	2A ~ 500A	170A	20mV/A, 2mV/A	2.3us	2%	
PT710-A		300KHz	50mA ~ 200A	70A	100mV/1A, 10mV/1A	1.2us	3%	
PT710-H		300KHz	50mA ~ 800A	280A	100mV/A, 10mV/A	1.2us	3%	
PT710-B		500KHz	30mA ~ 100A	35A	200mV/1A 20mV/1A	0.7us	3%	
PT710-F		500KHz	30mA ~ 400A	140A	200mV/A 20mV/A	0.7us	3%	
PT710-C		1 MHz	20mA ~ 140A	50A	500mV/A 50mV/A	0.35us	3%	
PT710-D		1.5MHz	10mA ~ 80A	28A	1V/A 0.1V/A	0.23us	3%	
PT-7010		2KHz	1mA ~ 4.5A	3A	1mV/1mA	100ns	1%	
PT-7020		1.5KHz	0.1A ~ 450mA	300mA	10mV/1mA	200ns	1%	
PT-740		50KHz		0.2A ~ 300A	210A	10mV/1A 1mV/1A	7uS	1.5% + 5mV
PT-7401A				0.2A ~ 400A	360A			
PT-7402A				0.2A ~ 600A	400A			
PT-7403A				0.2A ~ 1000A	700A			
PT-320		AC	20MHz	20mA ~ 60A	20A	0.1V/A	17.5nS	1.5% + 5mV
PT-350	50MHz		20mA ~ 60A	20A	7nS			
PT-720	AC	100KHz	2000A	500A	100mV/A 10mV/A 1mV/A	40uS	3%	
PT-721		100KHz	1200A	400A		40uS		
T-7802		10MHz	600Apeak	15A	100mV/A	5nS		
PT-7803		8MHz	1500Apeak	80A	100mV/A	20nS		

DK Flexible Current Probes



OEM Rogowski coil on request. Coil circumference from 120mm to 1000mm for AC current, Max. bandwidth 15 MHz, Max. current 350 kA. Flexible coil makes measurement more flexible.

Model	Sensitivity mV/A	Peak-Peak Current (A)	Min.Current (A)	Noise (mV Pk-Pk)	Bandwidth (3dB)	Accuracy	Coil Length	Line Length
High Sensitivity Ranges							120 mm ~ 200 mm	
DK-Mini070	100	70	0.7	12	100Hz- 4/8MHz	1%+2mV		
DK-Mini140	50	140	1.4	12	100Hz- 4/8MHz	1%+2mV		
DK-Mini350	20	350	3.5	10	60Hz- 4/8MHz	1%+2mV		
Middle Sensitivity Ranges							300 mm ~ 4m	1m ~ 4m
DK-0700	10	700	7	14	5Hz- 6/10MHz	1%+3mV		
DK-1400	5	1400	14	14	5Hz-15MHz	1%+3mV		
DK-3500	2	3500	35	10	5Hz-15MHz	1%+2mV		
DK-7000	1	7000	70	8	5Hz-15MHz	1%+2mV		
DK-14000	0.5	14000	140	5	5Hz-15MHz	1%+2mV		
Standard Ranges							1000 mm	
DK-35000	0.2	35000	350	5	5Hz-15MHz	1%+2mV		
DK-70000	0.1	70000	700	5	5Hz-15MHz	1%+2mV		
DK-140000	0.05	140000	1400	5	5Hz-15MHz	1%+2mV		
DK-350000	0.02	350000	3500	5	5Hz-15MHz	1%+2mV		
DK-2000	2	2000	35	10	50Hz-150KHz	2%	300m	2.5m

Note: cable length, coil diameter and coil circumference are customizable.

High Voltage Probes

Model	Main features	Bandwidth	Input Impedance	Attenuation Ratio	Max. DC voltage	Maximum AC RMS Voltage
P6008	8KV 40MHz	40MHz	100MΩ//1PF	1000:1	8KV	5.6KV
P6010A	10KV 120MHz	120MHz	100MΩ//2PF	100:1	10KV	7KV
P6018A	18KV 150MHz	150MHz	200MΩ//1.5PF	1000:1	18KV	12KV
P6028A	28KV 200MHz	200MHz	500MΩ//1.7PF	1000:1	28KV	20KV
P6039A	39KV 220MHz	220MHz	900MΩ//2PF	1000:1	39KV	27KV
HVP-15HF	10KV 40MHz	40MHz	100MΩ//1PF	1000:1	10KV	7KV
HVP-40	40KV DC 28KV AC	60Hz	1000MΩ	1000:1	40KV	28KV (50Hz/60Hz)
HVP-40DM	40KV 3999	DC	2000MΩ	1000:1	40KV	--

High Voltage Amplifier

Model	HA-205	HA-400	HA-405	HA-800	HA-805	HA-820	HA-520
Output voltage(DC Max)	85V DC	200V DC	200V DC	400V DC	400V DC	400V DC	250V DC
Output voltage (AC Max)	170Vp-p	400Vp-p	400Vp-p	800Vp-p	800Vp-p	800Vp-p	500Vp-p
Output Current (DC Max)	450mA DC	80mA DC	200mA DC	35mA DC	100mA DC	100mA DC	90mA DC
Output Current (AC Max)	900mAp-p	160mAp-p	400mAp-p	70mAp-p	200mAp-p	200mAp-p	180mAp-p
Output Power (Max)	76VA	32VA	80VA	28VA	80VA	40VA	22.5VA
Frequency response (bandwidth)	3MHz/ 100Vp-p	600KHz/ 200Vp-p	1MHz/ 200Vp-p	200KHz/ 400Vp-p	300KHz/ 400Vp-p	200KHz/ 400Vp-p	200KHz/ 250Vp-p
Slew Rate	2500V/us	300V/us	500V/us	200V/us	300V/us	300V/us	300V/us
Output Impedance)	10Ω	50Ω	50Ω	100Ω	100Ω	100Ω	100Ω
Protect Resistor	500Ω /80watt	4KΩ /40watt	2KΩ /80watt	15KΩ /40watt	7.5KΩ /80watt	7.5KΩ /30watt	5KΩ/30watt
Safe Loading	≥190Ω/ 170Vp-p	≥2.5KΩ/400 Vp-p	≥1KΩ/ 400Vp-p	≥11KΩ/ 800Vp-p	≥4KΩ/ 800Vp-p	≥4KΩ /800Vp-p	≥2.8KΩ /500Vp-p
Input voltage Uper limit	0~5Vp-p/20Vp-p			0~10Vp-p/20Vp-p			
AMPL	0~35	0~90	0~90	0~180	0~180	0~100	0~100
DC OFFSET	0 or±80V (10turns)	0 or±200V (10turns)	0 or±200V (10turns)	0 or±400V (10turns)	0 or±400V (10turns)	0 or±400V (10turns)	0 or±400V (10turns)
Monitor(Ratio)	100:1						
Output Protection	1. Output special fuse. 2. Protection SW 3. Micro-computer over-load protection						