



# Tek Probes Compatibility Chart

The Tektronix probes shown on this chart are suggested for use on the listed oscilloscopes. Comparisons of the scope bandwidth, input capacitance, input resistance, probe bandwidth and compensation range were used as guidelines for compatibility. Physical or other constraints may limit the actual use of the suggested probe with a specific scope.

## TEKTRONIX OSCILLOSCOPE OR INSTRUMENT FAMILY

Model	Suggested Probe**
<b>300 Series</b>	
390AD	P6062B*2
<b>400 Series</b>	
434, 455	P6105A
464/DM44	P6062B*2
464M	P6101A
465B/DM44	P6105A
466/DM44	P6062B*2
468	P6105A
<b>2200 Series</b>	
2201, 2205, 2210, 2214	P6103
2211	P6109 Opt. 01
2213, 2213A, 2215, 2215A	P6122
2220	P6109 Opt. 01
2221, 2224	P6062B*2
2225	P6103
2230, 2232	P6062B*2
2235, 2235A	P6109 Opt. 01
2235L	P6122
2236, 2236A	P6109 Opt. 01
2245A, 2246A, 2247A	P6062B*2
<b>2300 Series</b>	
2335, 2336, 2336YA, 2337	P6108A
<b>2400 Series</b>	
2430, 2430A, 2430M, 2445, 2445A, 2445B	P6063B*2
<b>2800 Series</b>	
2815	P6103
<b>5000 Series</b>	
5A38, 5A45, 5A48	P6062B*2
<b>7000 Series</b>	
7A15A	P6062B*2
7A18A, 7L5, 7D20	P6105A
<b>T900 Series</b>	
T912, T921, T922, T922R, T932A, T935A	P6103

## OTHER MANUFACTURERS

Model	Suggested Probe**
<b>B&amp;K</b>	
1405, 1420, 1422, 1466A, 1476A, 1477, 1479B, 1522, 1524, 1540, 1541, 1541A	P6103
1560, 1564, 1570A, 1590A, 2160	P6108A
1596	P6109 Opt. 01
2120, 2120A, 2125	P6103
2501, 2520, 2521	P6103
<b>Beckman</b>	
9020, 9060, 9100	P6108A
<b>Goodwill</b>	
GOS-622, GOS-623, GOS-625, GOS-642, GOS-643, GOS-645, GOS-3310, GOS-935, GOS-955	P6103
GOS-6100	P6122
<b>Gould</b>	
1421, 1425, 1602, 1604, 4030, OS300	P6103
3060, 3100, 3150	P6109 Opt. 01
4035, 4050, 4072, 4074	P6109 Opt. 01
<b>Hameg</b>	
HM 103-10, HM 203-6, HM 204-2, HM 205-2, HM 208, HM 408	P6103
HM 604, HM 605, HM A1005	P6122
<b>HP</b>	
1740A, 1741A, 1742A, 1743A, 1744A, 1745A, 1746A	P6122
5180T, 5180U, 5183T, 5183U	P6062B*2
54501A	P6109 Opt. 01
<b>Hitachi</b>	
V-058G, V-134, V-209, V-211, V-212, V-222, V-223, V-355, V-422, V-423, V-509, V-6015, VE-6020, VC-6041UG, VC-6041UX, VC-6041Z	P6103
V425, V-660, V-665, V-680, V-1060, V-1065, V-1100A, V-225A, V1150, VC-6025, VC-6045	P6109 Opt. 01
V-650F, V-1050F, V-1070A	P6122
<b>Iwatsu</b>	
DS-6121, DS-6411, DS-6612, SS-5121, SS-5702, SS-5705, SS-5706, SS-5710/C/D, SS-5711/C/D, SS-5802, SS-5803, SS-6113	P6122
SS-3510	P6062B*2
SS-5712	P6063B*2
SS-6122, SS-6123, SS-6611	P6109 Opt. 01
<b>Kenwood</b>	
CO-1303D, CS-1012, CS-1021, CS-1025, CS-1044, CS-1045, CS-1575A, CS-5130/35, CS-5155	P6103
CS-1065, CS-2075, CS-2110	P6108A
CS-2150, CS-6020, CS-8010	P6109 Opt. 01
<b>Kikusui</b>	
COM 7060A, COM 7061A, COM 7101A, COS 6150	P6109 Opt. 01
COM 7100A, COS 5060, COS 5100TM, COS 6100A, OSC 6100M	P6108A
COM 7200A, COM 7201A	P6063B*2
COS 5020ST, COS 5020TM, COS 5021TM, COS 5040TM, COS 5041TM, COS 5042TM, DSS 5020A, DSS 5040, DSS 6520A, DSS 6521, DSS 6522	P6103
<b>Leader</b>	
100P, 1020, 1021, 1041, LBO-308PL, LBO-308S, LBO-313, LBO-323, LBO-513A, LBO-514A, LBO-522, LBO-523, LBO-524, LBO-524L, LBO-525L, LBO-5825, LCD-100	P6103
101	P6105A
2100R, LBO-315, LBO-325, LBO-516, LBO-518, LBO-526	P6122
3060D, LBO-2060	P6109 Opt. 01
<b>Matsushita/Panasonic</b>	
VP-5512P	P6108A
VP-5516A, VP-5610P, VP-5730, VP-5741	P6109 Opt. 01
VP-5720A, VP-5740	P6103
<b>Nicolet</b>	
206 & 207 plug-ins, 3091	*1
4562, 4570 & 4851 plug-ins	*1
800, NIC-110, NIC-120	P6103
NIC-310	*1
NIC-370, NIC-430, NIC-440	*1
<b>Philips</b>	
PM-3050, PM-3052, PM-3055, PM-3057, PM-3065, PM-3067, PM-3070, PM-3072, PM-3335, PM-3337, PM-3350, PM-3352, PM-3365, PM-3367	P6109 Opt. 01
PM-3206, PM-3207, PM-3215, PM-3217, PM-3219, PM-3233, PM-3302, PM-3305, PM-3361, PM-3362, PM-3363	P6103
PM-3254, PM-3256, PM-3262, PM-3263, PM-3264, PM-3266, PM-3267, PM-3308, PM-3310, PM-3311, PM-3315	P6108A
<b>Vu-Data</b>	
4100	P6122
PS950A	P6103

\*1 For applications requiring 1X probe attenuation, use the P6101A or the P6119 1X/10X switchable probe.  
 \*2 When the probe is in the 1X position, combined scope and probe bandwidth will not exceed the 1X bandwidth specification of the probe.

## TEK PROBE FEATURE SUMMARY

Type	Attenuation	Nominal Length	Loading	BW MHz at -3 dB**	DC + pk AC Maximum	Scope in pF	Readout/Identify
P6062B	10X 1X	6 ft.	10MΩ 14.0 pF 1MΩ 105.0 pF	100 6	500 V	15 to 47	Yes/No
P6063B	10X 1X	6 ft.	10MΩ 14.0 pF 1MΩ 105.0 pF	200 6	500 V	15 to 24	Yes/No
P6101A	1X	2 m	1MΩ 54.0 pF	15	500 V	Any	N/A (1X)/No
P6103	10X	2 m	10MΩ 13.2 pF	50	500 V	15 to 35	No/No
P6105A	10X	2 m	10MΩ 11.2 pF	100	500 V	15 to 35	Yes/No
P6018A	10X	2 m	10MΩ 11.2 pF	100	500 V	15 to 35	No/No
P6109 Opt. 01	10X	1.5 m	10MΩ 11.8 pF	150	500 V	15 to 35	Yes/No
P6119	10X 1X	2 m	10MΩ 15.3 pF 1MΩ 120.0 pF	100 8	500 V 350 V	15 to 35	No/No
P6122	10X	1.5 m	10MΩ 11.0 pF	100	500 V	15 to 35	No/No

\*\* Bandwidth ratings vary when scope input capacitance moves away from the designed nominal value of the probe's compensation range. In most cases this is =20 pF for the P610XA and P612X.

Tektronix offers many other signal acquisition probes that are not listed within this chart. These include High Voltage up to 40 kV pulse, Current up to 100 Amps DC or 1,000 Amps pulse, Differential, Low Impedance, and many others. For additional information on these and other signal acquisition products, please refer to the Tektronix Product Catalog or contact your local sales representative.