

Oscilloscope Accessories

See page 63 and pages 91 through 95 for additional oscilloscope and general purpose accessories

Model PR-60 Active Differential Probe

Allows safe and accurate floating measurements with your standard analog or digital oscilloscope. Switchable between x10 and x100 attenuation. Unit includes black and red probes and protective rubber jacket.



PR-60

General Purpose Probes

B+K Precision offers a complete line of oscilloscope probes to enhance the versatility of your unit. Both fixed attenuation and switchable from 100 to 250 MHz are available. Each probe includes a full accessory kit with a Sprung Hook, Replacement Tip and BNC Adapter.

- Models PR-37AG and PR-37AR have REF position on switch for easy ground referencing.
- All models compliant to IEC61010-2-031

High Voltage Probes

If the voltages you need to measure are above the specifications of the general purpose probe, B+K Precision has higher voltage probes for you.

- PR-2000 — 2 kV
- PR-4000 — 4 kV
- PR-55 — 10 kV
- PR-15K — 15 kV



PR-37AG



PR-150



PR-55



PR-2000

Features

| | PR-60 model |
|-----------------------|------------------------------|
| Bandwidth | 25MHz (-3dB) |
| Attenuation Ratio | x10/x100 |
| Accuracy | ±2% |
| Rise Time | 14 ns |
| Input Impedance | 4MΩ/10pF each side to ground |
| Input Voltage | |
| Max. Differential | ±700V (DC+Peak AC) |
| Max. Common Mode | ±700V (DC+Peak AC) |
| Output Voltage | |
| Max. Amplitude | ±7V (into 2kΩ load) |
| Offset (Typical) | ≤ ±5mV, -10° to 40° C |
| Noise (Typical) | 1.5 to 2mV |
| Source Impedance | 1Ω @ 1kHz 8Ω @ 1MHz |
| CMRR | |
| 50Hz | 86 dB |
| 20kHz | 66 dB |
| 200kHz | 56 dB |
| Probes | Sprung Hooks (B/R) |
| Length of Input Lines | 18" (45cm) |
| Operating Temperature | 14° to 104°F (-10° to 40°C) |
| Power Requirements | 4 x AA Cells |
| Certification | IEC61010-1 CATIII |

Specifications

| | PR-33A | PR-37AG | PR-37AR | PR-150 | PR-46A | PR-100A | PR-2000 | PR-4000 | PR-15K | PR-55 |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Attenuation | x1/x10 | x1/x10/REF | x1/x10/REF | x1/x10 | x10 | x100 | x100 | x100 | x1000 | x1000 |
| Input Impedance | | | | | | | | | | |
| R(MΩ) | 1/10 | 1/10 | 1/10 | 1/10 | 10 | 100 | 100 | 50 | 500 | 100 |
| C(pF) | 46/16 | 100/15 | 100/15 | 45/12 | 16 | 6.5 | 5 | 5 | 3 | 1 |
| Bandwidth (MHz) | 15/90 | 6/150 | 6/150 | 25/150 | 250 | 250 | 200 | 100 | 5 | 50 |
| Voltage (VDC+ACmax) | 600 | 600 | 600 | 600 | 600 | 1,200 | 2,000 | 4,000 | 15,000 | 10,000 |
| Compensation (pF) | 10..35 | 10..35 | 10..35 | 10..30 | 10..35 | 10..35 | 10..30 | 10..30 | - | 10..30 |
| Cable Length | 48" (1.2m) | 48" (1.2m) | 48" (1.2m) | 48" (1.2m) | 48" (1.2m) | 48" (1.2m) | 48" (1.2m) | 48" (1.2m) | 40" (1.0m) | 80" (2.0m) |
| Body Color | Black | Gray | Red | LiGray | Gray | Black | Red | Red | Red | Yellow |