Model TL-130A
General Purpose DMM Kit
If you need only one basic accessory kit for your meter, this is the one. Attach probes or clips to the sheath plug to complete your test. Soft, flexible silicone leads make movement easy. Kit is voltage and current rated for either electronic or electrical applications.

- All components compliant to IEC61010-2-031
- Silicone Lead Wire length 60” (1.5m)
- Tri-fold Velcro Pouch

Model TL-10
SMD Probe Kit
Extended, slim-line probe body for easy reach. Use with small SMD components or general purpose test points. Includes soft, flexible silicone lead wires for easy movement and clear PVC Pouch for convenient storage.

- All components compliant to IEC61010-2-031
- Silicone Lead Wire length 60” (1.5m)
- Clear PVC Pouch

Model CP-3
DC/AC Current Clamp
- Converts any DMM to a current clamp
- Measures current without disconnecting circuit under test
- Measures to 400A DC or AC
- Outputs 1 mV per Amp, operates on 2V range of any DMM

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Model CP-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Range</td>
<td>2A to 400A, DC or AC</td>
</tr>
<tr>
<td>Frequency Response (AC)</td>
<td>50 Hz - 400 Hz</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±2% reading + 2A</td>
</tr>
<tr>
<td>Input Resistance</td>
<td>10kΩ min.</td>
</tr>
<tr>
<td>Maximum Conductor Size</td>
<td>1.1” (30mm)</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>9V battery, NEDA 160H</td>
</tr>
<tr>
<td>Battery Life</td>
<td>100 hr typical</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0˚ to 40˚C, &lt;70% RH</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-20˚ to + 70˚C, &lt;80% RH</td>
</tr>
</tbody>
</table>

Model PR-650A
RF DMM Probe
All purpose RF demodulator probe, usable with most DMMs. Allows a DMM to measure sine wave AC signals: 1Veff = 1VDC. Features light weight design.

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Model PR-650A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandwidth</td>
<td>100kHz to 650MHz</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±1dB (100kHz-300MHz) ±3dB (300MHz-650MHz)</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>100V</td>
</tr>
<tr>
<td>RF Voltage</td>
<td>35Veff</td>
</tr>
<tr>
<td>Acting Voltage</td>
<td>150mV</td>
</tr>
<tr>
<td>DMM Input Impedance</td>
<td>10MΩ</td>
</tr>
<tr>
<td>Input Capacitance</td>
<td>8pF</td>
</tr>
<tr>
<td>Cable Length</td>
<td>48” (1.2m)</td>
</tr>
</tbody>
</table>

Model PR-28A
40 kV High Voltage DMM Probe
If the voltages you need to measure are above the specifications of general purpose probes, B+K Precision has a higher voltage probe for you.

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Model PR-28A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attenuation</td>
<td>x1000</td>
</tr>
<tr>
<td>Impedance</td>
<td>1000MΩ</td>
</tr>
<tr>
<td>Voltage (AC)</td>
<td>20kV</td>
</tr>
<tr>
<td>Accuracy (AC &amp; DC)</td>
<td>±3%</td>
</tr>
<tr>
<td>Voltage (DC)</td>
<td>40kV</td>
</tr>
<tr>
<td>Cable Length</td>
<td>48” (1.2m)</td>
</tr>
<tr>
<td>Bandwidth</td>
<td>60Hz</td>
</tr>
</tbody>
</table>

For your nearest distributor, call 800-462-9832 or www.bkprecision.com
**Multimeter Accessories**

**Replacement Test Leads**

**Model TL-2A**
Deluxe Test Lead Sets
- IEC61010 1000V CATIII Rating
- Silicone Lead Wire length
  - 60” (1.5m)
- Black Alligator Clip included
- Threaded tips fits TL-3 Accessory kit items

**Model TL-3**
Probe Accessory Kit
- Threaded accessories to fit TL-2A probes – Black and Red pairs (except for alligator clip)
- Alligator clip, Red only
- Spring hook clips
- 4” Sharp extension tips to reach tight test points
- No. 10 Spade lugs

**Model TL-100A**
UL Listed Probes w/PVC wire
- IEC61010 600V CATIII Rating
- UL Listed
- Highly Flexible PVC lead wire, 40” (1.0m)
- Black and Red Alligator clips

**Model TL-1**
Model TL-4
Economical replacement test leads. TL-1 has safety shrouded banana plugs. TL-4 has un-shrouded banana plugs.
- 1500V 3A ratings
- PVC lead wire, 40” (1.0m)
- Black and Red Alligator clips

**TL-8**
Surface Mount Tweezers
- Two conductor leads
- 400V rms, 1A

**Test Accessory Pairs**
(Supplied as Black & Red Pairs)

**AD-101**
Banana Plug Adapter Set
- 42V (1000V) 36A Rating
  - w/trained user

**CC-104**
Silicone Lead Set
- Highly Flexible Silicone Jacket
- 4mm Sheathed Straight to Right-Angle Plugs
- 60” (1.5m) length
- IEC61010 1000V CATIII 12A Rating

**TIP-102**
Insulated Alligator Clip Set
- IEC61010 1000V CATIII 20A Rating

**TIP-104**
Insulated Space Lug Set
- 42V (1000V) 36A Rating
  - w/trained user

**TIP-110**
Very Fine Tip Probe Set
- Extended length w/SS tip
- IEC61010 1000V CATIII 20A Rating

**TIP-125A**
Alligator Style Clip Set
- Rigid clip body
- IEC61010 1000V CATIII 20A Rating

**TIP-127**
Flexible Pincer Clip Set
- Flexible shaft
- IEC61010 1000V CATIII 6A Rating

**TIP-128A**
Insulation Piercing Clip Set
- Wires up to .145” diameter
- 60VDC/30VAC, 6A Rating

**TIP-129**
Standard Alligator Clip Set
- IEC61010 300V CATI 3A Rating

**TIP-130**
Probe Body Set
- ø2mm Probe Tip
- IEC61010 1000V CATIII 36A Rating

**TL-140**
5-Way Test Clip Set
- 5-Way Communication Clip
- 60” (1.5m) Silicone Leads
**Features**

<table>
<thead>
<tr>
<th>Model</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR-60</td>
<td>Active Differential Probe</td>
</tr>
<tr>
<td></td>
<td>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 yellow protective rubber jacket.</td>
</tr>
</tbody>
</table>

**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 90 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
**Oscilloscope Accessories**

**Model PR-32A**

Demodulator Probe

All purpose demodulator probe, usable with most oscilloscopes. Features light weight design and 48” (1.2m) coaxial cable.

<table>
<thead>
<tr>
<th>Features</th>
<th>PR-32A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandwidth</td>
<td>100KHz-650MHz</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±3dB</td>
</tr>
<tr>
<td>Voltage</td>
<td>200V</td>
</tr>
<tr>
<td>HF Voltage</td>
<td>50Veff</td>
</tr>
<tr>
<td>Actuating Voltage</td>
<td>250mV</td>
</tr>
<tr>
<td>Input Capacitance</td>
<td>5pf</td>
</tr>
<tr>
<td>Cable Length</td>
<td>48” (1.2m)</td>
</tr>
<tr>
<td>Body Color</td>
<td>Black</td>
</tr>
</tbody>
</table>

**Model CC-25**

BNC / N Type Adapter Kit

The kit contains the most popular In-Series and Between Series BNC and N-type adapters. Solve your hookup problems easily. Bodies are brass, nickel plated with gold plated center contacts.

- Nine BNC and N Type adapters
- 50Ω impedance
- 500Vrms Rating

**Adapter Legend**

- a. BNC female to female
- b. BNC female to N female
- c. N “T” female to male to female
- d. N female to female
- e. N female to female
- f. BNC male to male
- g. BNC “T” female to male to female

**Model AD-110**

BNC Adapter

Fully Insulated BNC male to 4mm sheathed Jack. Use DMM test leads on BNC female connectors.

- IEC61010-1 500V CAT I
- 50Ω impedance
- Fully Insulated

**Model TE-26**

BNC 50Ω Feedthru Termination

Connect 50Ω impedance accessories to 1MΩ impedance instruments.

- 50Ω impedance
- 2W power

**Models CC-41A and CC-150**

BNC Cable Assemblies

Standard BNC cable assemblies in three convenient lengths. Black, molded strain release boots provides for long-life. RG58C/U cable and 50Ω impedance. CC-110 is a specially insulated BNC male to male cable assembly. Meets IEC61010 safety standards. Uses highly flexible RG58 Type cable in two meter length. Color: Black.

<table>
<thead>
<tr>
<th>Features</th>
<th>CC-41A</th>
<th>CC-150</th>
<th>CC-155</th>
<th>CC-110</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impedance</td>
<td>50Ω</td>
<td>50Ω</td>
<td></td>
<td>50Ω</td>
</tr>
<tr>
<td>Cable</td>
<td>RG58C/U</td>
<td>RG58C/U</td>
<td></td>
<td>RG58C/U</td>
</tr>
<tr>
<td>Connectors</td>
<td>BNC male</td>
<td>Insulated BNC male</td>
<td></td>
<td>Insulated BNC male</td>
</tr>
<tr>
<td>Voltage</td>
<td>500Vrms</td>
<td>150V CAT II</td>
<td></td>
<td>150V CAT II</td>
</tr>
<tr>
<td>VSWR</td>
<td>≤ 1.2</td>
<td>≤ 1.2</td>
<td></td>
<td>≤ 1.2</td>
</tr>
<tr>
<td>Cable Length</td>
<td>40” (1.0m)</td>
<td>48” (1.2m)</td>
<td>60” (1.5m)</td>
<td>80” (2.0m)</td>
</tr>
</tbody>
</table>

**Models CC-21 & CC-130**

Special BNC Cable Assemblies


<table>
<thead>
<tr>
<th>Features</th>
<th>CC-21</th>
<th>CC-130</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impedance</td>
<td>50Ω</td>
<td>50Ω</td>
</tr>
<tr>
<td>Cable</td>
<td>RG58C/U</td>
<td>RG58C/U</td>
</tr>
<tr>
<td>Connectors</td>
<td>BNC m to Alligator Clips</td>
<td>Insulated BNC male to 4mm Plugs</td>
</tr>
<tr>
<td>Voltage</td>
<td>500Vrms</td>
<td>150V CAT II</td>
</tr>
<tr>
<td>VSWR</td>
<td>≤ 1.2</td>
<td>≤ 1.2</td>
</tr>
<tr>
<td>Cable Length</td>
<td>40” (1.0m)</td>
<td>80” (2.0m)</td>
</tr>
</tbody>
</table>
**Model PR-50**

3 Piece Oscilloscope Probe Kit

If you need a complete range of probe attenuation, then this is the kit for you. It contains three probes - x1, x100, and x1/x10 switchable. They are of the same high quality as B+K Precision standard probes but in one convenient kit. Each probe includes a full accessory offering with Sprung Hook, Replacement Tip, Ground Lead and BNC Adapter. All probe are compliant to IEC61010-2-031.

**Model TL-55**

Test Lab Starter Kit

For the first time student or new lab technician, here is a complete starter accessory kit. It contains the most commonly used products for instrument hookup - leads, probes, hooks and alligator clips for DMMs, 150 MHz x1/x10 switchable oscilloscope probe, BNC cable and BNC adapters - everything you'll need to get started. They are of the same high quality as B+K Precision offers individually but in one fully stocked kit. Get going in your profession with B+K Precision instruments and the convenient Model TL-55, Test Lab Starter Kit. Packaged in plastic box.

**Model FP-6**

Semiconductor Test Leads

Specialized test lead set for B+K Precision semiconductor testers. Three conductor lead with 4mm banana plugs to mini-IC test clips.

- 3 conductors - Yellow, Green and Blue
- 30” (76cm) length
**Model PR-70**

Active FET Probe

An Active FET probe enables you to measure high frequency signals on your B+K Precision Spectrum Analyzer. Powered by a 12VDC adapter (included), the probe measures frequencies up to 1GHz with an input impedance of 2pF and 1MΩ. The probe also works on B+K Precision oscilloscopes.

The probe includes a full accessory kit for the most demanding applications. Accessories include: 4 - 0.031 gold measuring tips, 2 - ultra-miniature test clips, 2 - miniature test clips, 2 - 5cm miniature test leads and 2 - 10cm miniature test leads.

Note: Probes 50Ω output impedance requires TE-26 50Ω feedthru terminator when used on 1MΩ input impedance oscilloscopes.

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**Model TIP-70**

Active FET Probe Accessory Kit

Replacement Kit for Active FET Probe.

Items include: 4 - 0.031 gold measuring tips, 2 - ultra-miniature test clips, 2 - miniature test clips, 2 - 2" (5cm) miniature test leads and 2 - 4" (10cm) miniature test leads.
Specifications

<table>
<thead>
<tr>
<th>Models</th>
<th>LC-24</th>
<th>LC-28A</th>
<th>LC-29B</th>
</tr>
</thead>
<tbody>
<tr>
<td>For Models</td>
<td>Mini-Pro® DMM 2405A, 2407A, 2408</td>
<td>Capacitance Meter 830</td>
<td>All handheld DMM except for 5300 series and Mini-Pro® series</td>
</tr>
<tr>
<td>Dimensions</td>
<td>3.75 x 1.5 x 6.75&quot; (95 x 38 x 171mm)</td>
<td>4.63 x 2.5 x 7&quot; (117 x 64 x 178mm)</td>
<td>4 x 2.5 x 8&quot; (102 x 64 x 203mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.27oz. (36g)</td>
<td>3.53oz. (100g)</td>
<td>2.47oz. (70g)</td>
</tr>
<tr>
<td>Material</td>
<td>1000D Navy Cordura Laminate Laminate to a 3/16&quot; foam padding, trico backing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specifications

<table>
<thead>
<tr>
<th>Models</th>
<th>LC-32A</th>
<th>LC-33</th>
<th>LC-40</th>
<th>LC-210A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>17.2 x 3 x 3.5&quot; (437 x 76 x 89mm)</td>
<td>5 x 1.75 x 10.5&quot; (127 x 44 x 267mm)</td>
<td>11 x 5.5 x 12&quot; (279 x 140 x 305mm)</td>
<td>15 x 7.5 x 17.5&quot; (381 x 191 x 445mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>8.4 oz. (236g)</td>
<td>3.18 oz. (90g)</td>
<td>1.02 lbs. (470g)</td>
<td>2.36 lbs. (1070g)</td>
</tr>
<tr>
<td>Material</td>
<td>1000D Navy Cordura Laminate to a 3/16&quot; foam padding, trico backing</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

B+K Precision offers padded cases to protect your valuable instruments. Choose an appropriate case to meet your needs.

- Light weight, durable Cordura nylon
- Protects your instruments
- Room to hold your test leads