

BK PRECISION

50,000 Count Premium DMM

- 5390 Basic accuracy - 0.025%. Voltage - 750VAC/1000VDC (10 μ V). Current - 10AAC/DC (10nA). Frequency. Duty cycle. Event counter. Backlight.
- 5380 Basic accuracy - 0.025%. Voltage - 750VAC/1000VDC (10 μ V). Current - 10AAC/DC (10nA). Backlight.
- 5370 Basic accuracy - 0.05%. Voltage - 750VAC/1000VDC (10 μ V). Current - 10AAC/DC (10nA). Frequency. Temperature probe. Duty cycle. Backlight.
- 5360 Basic accuracy - 0.1%. Voltage - 750VAC/1000VDC (100 μ V). Current - 10AAC/DC (1 μ A). Duty cycle.



5370

Meters incorporate a special 50,000 count integrated circuit for high-accuracy, basic accuracy, high-reliability design. Measure AC volts (True RMS AC, AC+DC), resistance, capacitance and frequency, in addition to dB, duty cycle, pulse width, power line disturbances and temperature. Fuse and battery access without breaking a calibration seal. Models also offer peak hold, hold, relative mode and backlight. Three year warranty. Included: Test leads, spare fuses and instruction manual.

Test Bench® High Performance DMM

- 391A True RMS. Manual ranging. DCV accuracy - 0.05%. AC/DC voltage and current. Display digits, count - 4 $\frac{1}{2}$, 20000. Features - Logic probe and data hold.
- 390A Auto/manual ranging. DCV accuracy - 0.1%. AC/DC voltage and current. Display digits, count - 3 $\frac{1}{2}$, 4000. Features - bar graph (41 segment), capacitance measurement, temperature probe, relative mode, min/max hold, data hold, memory and RS-232.
- 389A Auto/manual ranging. DCV accuracy - 0.25%. AC/DC voltage and current. Display digits, count - 3 $\frac{1}{2}$, 4000. Features - bar graph (41 segment), capacitance measurement, relative mode, min/max hold, data hold and memory.
- 388B Manual ranging. DCV accuracy - 0.5%. AC/DC voltage and current. Display digits, count - 3 $\frac{1}{2}$, 4000. Features - capacitance measurement, transistor test, logic probe and peak hold.



391A

CE marked and UL listed. Audible continuity. Ruggedized case. Auto power off. Designed to meet IEC61010-1 CATIII 600V, class 2. Included: 9 volt battery, test leads, instruction manual and thermocouple probe (Model 390). Three year warranty.

Dual Display RS-232 Interface Multimeter

- 2880A True RMS AC
- 2890 True RMS AC, AC+DC, dBm. dB measurement. Selectable impedance. Temperature to 2502°F (1372°C) with optional TP-A. Conductance. Duty cycle. Square wave output: 16.4/4.8kHz @ 0 to 3V. Timer and signal output: max timer 99ksec @ 0 to 3V. Backlight.



2880A

Selectable 4000 or 40000 count resolution with 0.06% accuracy. Capacitance to 10mF. Data and peak hold. Maximum/minimum and average values (with elapsed time). Optional RS-232 interface. Included: battery, test leads, holster and manual. Three year warranty.

BK PRECISION

Survivor® Multimeters

- 2870 True RMS. DCV accuracy of 0.25%. Autoranging. Analog bargraph. Data and delay hold. Display digit - 3 $\frac{1}{2}$. Count - 3200.
- 2860A Manual ranging. DCV accuracy of 0.5%. Display digit - 3 $\frac{1}{2}$. Count - 2000. Large 0.8" LCD display.



2870

Heavy duty 1500 VDC rating. Ruggedized construction includes rubber boot. Withstands five-foot drop. Extra large, high contrast LCD display. Gasket sealed against dirt and contaminants. Water resistant. High energy fused on all current ranges. Auto power off saves batteries. Built-in probe holders. Non-slip grip. Extensive overload protection. Included: battery, test leads, rubber holster and manual. Five year warranty.

Tool Kit® Multimeters

- 2708 Auto ranging. Current - 10A AC/DC. Resistance 0.1 Ω to 43M Ω . Logic probe. Backlight.
- 2707A Manual ranging. Current - 10A AC/DC. Resistance 0.1 Ω to 200M Ω . Capacitance to 20 μ F. Transistor test. Logic probe. Frequency counter.
- 2706A Manual ranging. Current - 10A AC/DC. Resistance 0.1 Ω to 20M Ω . Capacitance to 20 μ F. Transistor test. Frequency counter. Temperature probe.
- 2704B Manual ranging. Current - 10A AC/DC. Resistance 0.1 Ω to 20M Ω . Capacitance to 20 μ F. Transistor test. Frequency counter.
- 2703B Manual ranging. Current - 10A DC. Resistance 0.1 Ω to 20M Ω .



2708

Excellent meters for most jobs that require flexibility, accuracy and speed. Common features - 2000 count. 0.5% DCV accuracy. DC voltage to 1000V. AC voltage to 750V. DC current to 10A. Continuity. Diode test. Drop resistant case. Included: battery, test leads, instruction manual and thermocouple probe (2706A only). One year warranty.

Pocket and Autobench™ Multimeters

2700

Pocket digital multimeter with analog bargraph. Count display - 3200. Auto power off. UL listed. Range and data hold. One year warranty. Includes batteries, instruction manual and case.



2700

3000

Automotive digital multimeter. Four cycle/two cycle. Digit - 3 $\frac{1}{2}$. Count display - 4000. \pm Triggering. Full autoranging on DC/AC volts, capacitance and frequency. Diode and continuity test. Reads RPM, pulse, duty cycle and dwell. Auto power off and low battery indicator. Shielded for EMI. Comprehensive, easy to understand user's manual. Included: Type K thermocouple temperature probe, set of test probes with alligator clips, set of standard test leads with removable backpinning extension tips, holster and inductive RPM pick up probe. Three year warranty.

Digital Multimeters

BK PRECISION

Mini-Pro® Multimeters

- 2405A Display counts - 2000. Basic DC accuracy - 2.0%. Manual ranging. Current - 10A DC. 1.5V and 9V battery test. Auto zeroing.
- 2407A Display counts - 3200. Basic DC accuracy - 1.2%. Auto ranging. Current - 10A AC/DC. Bar graph. Auto power off. Continuity. Data hold.
- 2408 Display counts - 2000. Basic DC accuracy - 1.2%. Manual ranging. Current - 10A AC/DC. Auto zeroing. Continuity. Data and maximum hold. Non-contact voltage indicator.



The unique design fits easily in the palm of your hand and CE approval ensures safe operation. Manual and auto ranging models offer the basic functionality needed to do 90% of most required testing. DC/AC voltage to 600V. DC current to 10A. Resistance to 20MΩ (Model 2407A 30MΩ). Diode test. Low battery indicator. CE approved. Included: battery, test leads and instruction manual. One year warranty.

HV-44A

Self-contained instrument that measures high DC voltages up to +40KV. This probe is typically used to measure high voltages in TV sets, power supplies, laboratories and for general high voltage commercial applications. Input impedance - 600MΩ, nominal. Accuracy - ±3% of full scale. Calibration - internal, factory calibrated at 25KV. Size - 16.5 x 2.125 x 2" with a 34" long ground cord (419 x 54 x 50mm with a 86.4cm long ground cord). Probe tips - two interchangeable tips (one round needle type, one special flat spring type for easy access to CRT anode). One year warranty.



Bench Multimeters

- 2835 Large LCD provides good reading. Compartment to carry test leads and other accessories. Convenient strap for easy transportation. Portable. Battery operated.
- 2831C True RMS for accurate interpretation of any waveform signal. LED display for clear reading in darkest environment. Great overload protection. Tests 1200VDC and 1000VAC.



Includes: replacement leads, deluxe test leads, accessory tip kit, temperature adapter and high voltage probe. One year warranty.

CSI/SPECO

Digital Multimeters (cont.)

Part Number	DC Volts	AC Volts	DC Current	AC Current	Resist.	Freq.	Capacitance	Transistor	Audible Contin.
DMR-30T	200mV 2V 20V 200V 1000V	200V 500V	2mA 20mA 200mA 10A	N/A	200 2K, 20K 200K 2M	N/A	N/A	PNP NPN-hFe	N/A
DMR-35A	200mV 2V 20V 200V 1000V	200V 750V	20µA 2mA 20mA 200mA 10A	N/A	200 2K, 20K 200K 2000K 20M	N/A	N/A	N/A	Available
DMR-2012A	200mV 2V 20V 200V 1000V	200mV 2V 20V 200V 750V	200µA 2mA 20mA 200mA 20A	200µA 2mA 20mA 200mA 20A	200 2K, 20K 200K 2M 20M	N/A	2000pF 20nF 200nF 2µF, 20µF	NPN, PNP-hFe	Available
DMR-2500	200mV 2V 20V 200V 1000V	200V 750V	200µA 2mA 20mA 200mA 2000mA 10A	N/A	200 2K, 20K 200K 2000K	N/A	N/A	N/A	N/A
DMR-3800	200mV 2V 20V 200V 1000V	200mV 2V 20V 200V 750V	20µA 200µA 2mA 20mA 200mA 2A, 20A	20µA 200µA 2mA 20mA 200mA 2A, 20A	200K 2K, 20K 200K 2M 20M	N/A	N/A	NPN PNP-hFe	Available
DMR-H	Rubber holster for DMR-2012A, DMR-2322A and DMR-3800								



Test-Pro® Contractor Multimeters

- 61-360 Max and data hold
- 61-361 3-Phase motor rotation, capacitance, frequency
- 61-362 Auto/manual ranging, analog bar graph, input warning beeper



Sturdy ABS construction. Protective rubber boot. Deluxe leadsets with removable probe tips. Sleep mode. Compatible with snap-on heads for maximum versatility. Built-in tilt stand. Low battery indicator. Overload protection on all ranges. Two year warranty.

CSI/SPECO

Digital Multimeters

Part Number	DC Volts	AC Volts	DC Current	AC Current	Resist.	Freq.	Capacitance	Transistor	Audible Contin.
DMR-2322A	200mV 2V 20V 200V 1000V	200mV 2V 20V 200V 750V	200µA 2mA 20mA 200mA 20A	200µA 2mA 20mA 200mA 20A	200 2K, 20K 200K 2M 20M	2kHz 20kHz 200kHz	2000pF 20nF 200nF 2F, 20µF	NPN PNP-hFe	Available

Test-Pro® Stick Multimeter with Snap-on Heads

- 61-401 Test-Pro® stick meter
- 61-439 True RMS head
- 61-438 Infrared temperature head
- 61-460 Dual temperature head
- 61-437 Relative humidity and temperature head
- 61-448 Snap-on head handle



Sleek design for easy use and storage. Rugged construction to withstand 10-foot drops. O-ring sealed to repel moisture and dirt. 6kV transient voltage protection. Audible and LED voltage indicators. Peak hold. Deluxe leadsets with removable probe tips. Interchangeable snap-on heads provide maximum versatility. Sleep mode. Low battery indicator. Overload protection on all ranges. Five year warranty.

Digital Multimeters



Digital Multimeter Kits

61-402
Kit includes Stick Multimeter (61-401), 300 AAC current clamp (61-450) and deluxe test leads (61-440).

61-403
Kit includes Stick Multimeter (61-401), five snap-on heads (61-437, 61-438, 61-439, 61-450, 61-460), deluxe test leads (61-440) and carrying case (61-447).

61-422
Kit includes 420 Series Multimeter (61-421), 300 AAC current clamp (61-450) and deluxe test leads (61-440).

Platinum Pro® Digital Multimeter Series

Rugged, easy-to-use meters for commercial, industrial and technical environments. Cat III - 600V rated. True RMS readings for error-free testing. Data acquisition and data logging capabilities. Auto/manual ranging modes with high-speed analog bar graphs. Frequency. Auto power off. Low battery indicator. Includes carrying case. Lifetime limited warranty.

480 Series

- 61-480
- 61-481 True RMS, capacitance and min/max
- 61-482 True RMS, capacitance, frequency, temperature, backlight, min/max, peak min/max and relative mode



61-482

Data hold. RPM.

490 Series

- 61-492 Data hold and acquisition
- 61-494 True RMS, data logging (1,000 records), temperature, duty factor, dBm/dB, dual display, optional soft-ware, backlight, low voltage Ω
- 61-495 True RMS, data logging (40,000 records), optical RS232 interface, software and cable interface included, temperature, duty factor, dBm/dB, dual display, backlight, low voltage Ω



61-495

Optical RS232 interface. Capacitance. Peak hold. Min/max/avg. Relative mode.

630 Series

- 61-633
- 61-635 Extended accuracies. Software and interface cable included. Temperature



61-635

True RMS. Optical RS232 interface. Data acquisition. 0.5ms peak hold. Capacitance. Duty factor. Auto calibration. Auto hold/peak hold. Memory store and recall. Lead input warning. High/low limits. Max/min/max-min. Backlight. Triple display.

640 Series Pen-Style Meters

- 61-640 Data hold
- 61-641 High-speed bar graph, peak hold
- 61-642 Capacitance, frequency, duty cycle, peak hold
- 61-643 Capacitance, frequency, duty cycle, temperature, peak hold



61-643

Auto/manual ranging. Compact and lightweight. Backlit display. Interchangeable probe tips. Low battery indicator. Sleep mode. Overload protection on all ranges. One year warranty. Includes carrying case.



Test-Pro® Heavy Duty Multimeters

- 61-420 Standard model
- 61-421 3-Phase motor rotation, capacitance, frequency, peak and data hold
- 61-423 True RMS, capacitance, logic, variable pitch analog output
- 61-622 True RMS, data hold, frequency, logic function, duty cycle
- 61-620 Peak hold, data hold, frequency, logic function, duty cycle



61-420

Rugged construction to withstand 10-foot drops. O-ring sealed to repel moisture and dirt. 6kV transient voltage protection. Audible voltage indicator. Deluxe lead-sets with removable probe tips. Compatible with snap-on heads for maximum versatility. Built-in tilt stand and hanger. Sleep mode. Low battery indicator. Overload protection on all ranges. Five year warranty.

600 Series Pocket Meters

Booklet Style Case

- 61-600 Built-in test leads, audible continuity
- 61-601 Built-in test leads, audible continuity, sleep mode, analog bar graph, diode test, low battery indicator



61-604

Built-in Test Stand

- 61-602 Diode test
- 61-603 Battery test, diode test, low battery indicator
- 61-604 Auto/ manual ranging, audible continuity, data hold, diode test, low battery indicator, protective rubber boot

Low cost, multi-function. Convenient pocket size. Overload protection on all ranges. One year warranty.



Digital Multimeters

2030-B

Autorangeing. Three and three-fourths digit. 3400 count display. 34 segment bargraph. AC/DC volts to 600V. Resistance to 34M ohms. CAR II 600V rating. Diode check and continuity beeper. Data/range hold. Auto power off. Hard protective case and one year warranty.



2030-B

3526-B

Digi-probe multimeter with logic. Twenty-two ranges and functions. Large 3200 count high contrast LCD. Thirty-two segment bargraph. Voltage measurements to 500V AC/DC. Current measurements to 320mA AC/DC (fuse protected). Resistance measurement to 32M Ω . Logic and diode test. Continuity check. Autorangeing. Data and range hold. Low battery indication. Auto power off to conserve battery life. Reversible safety probe tip. Uses two 1.5V AAA batteries (included). UL Listed and CE approved. One year warranty. Accessories included: test lead with screw-on alligator clip, batteries, spare fuse and instruction manual.

1101

Compact. Seventeen ranges and functions. 3^{1/2} digit, high contrast LCD. Manual range selection. Voltage measurement to 750VAC/1000VDC. DC current measurement to 200mA, fuse protected. Diode test. Overload protected to 500V on all resistance ranges. Battery life is approximately 150 hours. Belt clip. Built-in stand. Accessories included: Test leads, battery, spare fuse and instruction manual.



1101

Digital Multimeters



Digital Multimeters (cont.)

2202

Thirty-two ranges and functions. Large, 3^{1/2} digit, high contrast LCD. Manual range selection. Voltage measurement to 750VAC/1000VDC. Current measurement to 10A AC/DC, fuse protected. Resistance measurement to 20MΩ. Battery test for 1.5 and 9V batteries. Transistor test (NPN & PNP). Continuity and diode test. Overload protected to 500 volts on all resistance ranges. Battery life is approximately 200 hours. Built-in stand and carrying case. Accessories included: test leads, battery, spare fuse and manual.



2202

3303

Thirty ranges and functions. Large, 3^{1/2} digit, high contrast LCD. Fully annunciated display to keep you informed. Autoranging or manual range selection. Voltage measurement to 750VAC/1000VDC. Current measurement to 10A AC/DC, fuse protected. Resistance measurement to 20MΩ. Continuity and diode test. Data hold. Overload protected to 500 volts on all resistance ranges. Battery life is approximately 1000 hours. Built-in stand. Auto polarity. One year warranty.

4404

Thirty-six ranges and functions. 3^{3/4} digit, high contrast LCD. Forty-one segment analog bargraph display. Fully annunciated display to keep you informed. Autoranging or manual range selection. Voltage measurement to 750VAC / 1000VDC. Current measurement to 10A AC / DC, fuse protected. Resistance measurement to 40MΩ. Frequency measurement to 1MHz. Capacitance measurement to 40μF. Continuity and diode test. Relative mode. Data and Min/Max hold. Memory record and playback. Overload protected to 500V on all resistance, frequency and capacitance ranges. Sleep mode with reset button to reduce battery drain. Designed to meet IEC specifications - double insulated, IP66 rating. CE marked. Built-in stand and belt clip. Battery life is approximately 1000 hours. Accessories included: Test leads, batteries, spare fuse (0.5A/250V) and instruction manual. Auto polarity. One year warranty.



4404

2025

Autoranging. Three and a half digit. 2000 count display. AC volts to 600V. DC volts to 200V. Resistance to 2M ohms. CAT II 600V rating. Diode check and continuity beeper. Hard protective case and one year warranty.

2035

Autoranging. Three and three-fourths digit. 4000 count display. Forty-one segment bargraph. AC/DC volts to 600V. Resistance to 40M ohms. CAT II 600V rating. Diode check. Capacitance test to 40mF. Frequency range to 40MHz. Continuity beeper. Data/range hold. Auto power off. Low battery indicator. Hard protective case and one year warranty.

True RMS Digital Multimeter

9040

Forty-one segment bargraph. 3^{3/4} LCD with maximum reading of 3999. Autoranging. Five DC voltage ranges to 1000V. Four AC voltage ranges to 750V. Six DC current ranges to 10A. Six AC current ranges to 10A. Six resistance ranges to 40MΩ. Safety shutter on current terminals. Sleep mode to preserve battery life. Splash and dust proof case. Red rubber boot with stand. Diode, continuity and capacitance test. Frequency counter. Automatic reading and data hold. Auto polarity. Battery life is approximately 200 hours. Accessories included: Test leads with screw-on alligator clips, batteries, spare fuse and instruction manual. Three year warranty and one year on calibration.



9000 Series Digital Multimeters

Functions - Diode and transistor (hFE) check. Auto polarity. Low battery indication. Continuity test. Double insulated case. Safety designed to comply with IEC 1010-1. CAT I, II and III rated. Overload protected. CE marked. Accessories included: Red rubber boot, safety test leads, screw-on alligator clips, nine volt battery and instruction manual. Three year warranty. K-type thermocouple probe (9015 only). Carrying strap (9005 and 9015 only).

9005

Three and a half digit, 1999 max. Reading. Huge, 1" high digital display. DC voltage to 1000V. AC voltage to 750V. AC current to 10A. DC current to 10A. Resistance to 200MW. Continuity test and diode check. Transistor check. Double insulated case. Three year warranty. Carrying strap. Red rubber boot. Safety test leads. Screw-on alligator clips. Nine volt battery and instruction manual.

9015

Three and a half digit, 1999 max. Reading. Huge, 1" high digital display. DC voltage to 1000V. AC voltage to 750V. AC current to 10A. DC current to 10A. Resistance to 200MW. Frequency. Capacitance test. Continuity test and diode test. Transistor check. Auto power off. Double insulated case and three year warranty. Carrying strap. Red rubber boot. Safety test leads. Screw-on alligator clips. K-type thermocouple probe. Nine volt battery and instruction manual.



9005

9025

Three and three-fourth digit, 3260 max. Reading. Thirty-three segment bargraph. Auto/manual range selection. DC voltage to 1000V. AC voltage to 750V AC current to 10A. DC current to 10a. Resistance to 32.6MW. Frequency. Capacitance test. Continuity test. Diode check. Transistor check. Data hold. Auto power off. Double insulated case. Three year warranty. Red rubber. Safety test leads. Screw-on alligator clips. Nine volt battery and instruction manual.



9025

9050

Three and a half digit, w/max reading of 1999. Manual range selection. DC voltage to 1000V. AC voltage to 750V. AC current to 20A. DC current to 20A. Resistance to 20MW. Continuity test and diode check. Includes red rubber boot, safety test leads, screw-on alligator clips, and instruction manual.

9060

Three and three-fourth digit, w/max reading of 3260. Sixty-five segment bargraph. Auto/manual range selection. DC voltage to 1000V. AC voltage to 750V. AC current to 20a. DC current to 20a. Resistance to 32.6MW. Frequency to 1MHz. Continuity test and diode check. Data hold. Range hold. Power saving sleep mode. Includes red rubber boot, safety test leads, screw-on test leads, and instruction manual.

21st Century Series Digital Multimeters

Accessories include Triplet SoftDMM® Data Acquisition Software. RS-232C cable with 9 pin female connector. Carrying case. Red rubber boot. Safety test leads with alligator clips. AC wattage adaptor (2105 only). K-type thermocouple probe (except 2104). Capacitance extension lead. Nine volt battery. Instruction manual. Designed to comply with IEC 1010-1. Three year warranty.

2101

Twenty-nine ranges and functions. 3^{3/4} digit, 3999 count. Twenty-one segment analog bargraph. Auto/manual range selection. AC voltage 400mV to 750V. DC voltage 400mV to 1000V. AC and DC current 4mA to 20A. Resistance 400Ω to 40MΩ. Capacitance 4nF to 400nF. Temperature test -4° to 2000°F. Continuity ≤50Ω. Diode and transistor (hFE) check. Auto polarity. Range hold. RS-232C port. Low battery indication.



Digital Multimeters



21st Century Series Digital Multimeters (cont.)

2102

Forty-one ranges and functions. True RMS. Dual display. 3^{1/2} digit, 1999 count. Forty-two segment analog bargraph. Manual range selection. AC voltage 200mV to 750V. DC voltage 200mV to 1000V. AC and DC current 2mA to 20A. Resistance 200Ω to 20MΩ. Frequency 2KHz to 2MHz. Capacitance 2nF to 200μF. Temperature test -40°F to 1999°F. Continuity ≤40Ω. Diode and transistor (hFE) check. Logic and dB test. Auto polarity. Data, auto, min and max hold. Relative mode. Comparison (Hi, Lo, Pass). Memory/recall stores ten measured values. RS-232C port. Low battery indication. Auto power off.

2103

Forty-six ranges and functions. True RMS. Dual display with backlight. 3^{3/4} digit, 3999 count. Forty-two segment analog bargraph. Auto/manual range selection. AC voltage 400mV to 750V. DC voltage 400mV to 1000V. AC and DC current 40mA to 20A. Resistance 400Ω to 40MΩ. Frequency 4KHz to 4MHz. Capacitance 4nF to 200μF. Temperature test -40°F to 2190°F. Inductance 40mH to 400mH. Signal output 1Hz to 5KHz. Continuity ≤40Ω. Transistor check (hFE). Logic and dB test. Auto polarity. Data, range, auto, min and max hold. Relative mode. Comparison (Hi, Lo, Pass). Memory/recall stores five measured values. RS-232C port. Low battery indication. Auto power off.

21st Century Series Digital Multimeters (cont.)

2104

Thirty-seven ranges and functions. Quad display. 4^{1/2} digit, 19999 count. Forty-two segment analog bargraph. Manual range selection. AC voltage 200mV to 750V. DC voltage 200mV to 1000V. AC and DC current 2mA to 20A. Resistance 200Ω to 20MΩ. Frequency 20KHz to 2MHz. Capacitance 20nF to 200μF. Continuity ≤30Ω. Diode and transistor (hFE) check. Logic and dB test. Wrong input warning beeper. Auto polarity. Data, auto, min, max and average hold. Relative mode. Comparison (Hi, Lo, Pass). Memory/recall stores ten measured values. RS-232C port. Low battery indication. Auto power off.

2105

Fifty-two ranges and functions. True RMS. Quad display with backlight. 3^{3/4} digit, 3999 count. Forty-two segment analog bargraph. Auto/manual range selection. AC voltage 400mV to 750V. DC voltage 400mV to 1000V. AC and DC current 400μA to 20A. Resistance 400Ω to 40MΩ. Frequency 4KHz to 40MHz. Capacitance 4nF to 400μF. Temperature test K-type, -40°F to 2190°F. Signal output 10Hz to 10.24KHz. Wattage (power monitor) 4000W max. Continuity ≤40Ω. Diode and transistor (hFE) check. Logic and dB test. Wrong input warning beeper. Auto polarity. Data, range, auto, min, max and average hold. Relative mode. Comparison (Hi, Lo, Pass). Memory/recall stores ten measured values. RS-232C port. Low battery indication. Auto power off. Includes handy AC wattage adaptor which can be used to monitor the wattage on a wide variety of devices. When in the "Wattage Range" the 2105 will simultaneously display wattage, AC voltage, AC current and power factor.

Analog Multimeters

BK PRECISION CSI/SPECO



TRIPLETT

BK PRECISION

Analog Multimeters

117B

Pocket, compact size. Measures DC voltage, AC voltage, DC current, resistance and decibels. 9V and 1.5V battery test. Included: 1.5V AA batteries, test leads and instruction manual. One year warranty.



117B

114A

Twenty-thousand ohms/volt DC. Twenty-eight ranges. 3^{1/2}" mirrored scale. Tests batteries under load and transistors. Included: batteries, test leads, 1 red and 1 black, transistor test leads and instruction manual. One year warranty.

CSI/SPECO

Analog Multimeters

SLM-120: Sound pressure level meter calibration adjustment for accurate readings. Hi/Lo switch range 40-80dB/80-120dB. Suitable for measurement of work environment, traffic noise conditions, trumpet horns, alarms, sirens, etc. Complete with instruction manual and carrying case.



SLM-120

ACM-3A: AC analog clamp meter measures AC/DC current, resistance, temperature. Measurement with optional probe. Complete with carrying case, batteries and probes.

TP-3A: Optional temperature probe for part number ACM-3A.

MT-2: Two-thousand ohm/volt portable multi-tester. Five functions. Sixteen ranges. Mirrored scale. Fuse and diode protected.

BL-10K: Ten-thousand ohm/volt analog multi-tester with battery test. Six functions. Eighteen ranges. Fuse and diode protected.

CSI/SPECO

Analog Multimeters (cont.)

F-72: Twenty-K ohm/volt deluxe VOM multimeter with battery test. Seven functions. Twenty-three ranges. Mirrored scale. Tests popular 1.5 volt and 9 volt batteries. Complete with probes, instruction manual and carrying case.

Part No.	DC Volts	AC Volts	DC Current	AC Current	Resistance	Battery Test	Decibels	Audible Continuity
ACM-3A	60V	150, 300 600V	N/A	6A, 60A, 300A	1K, 10K	N/A	N/A	N/A
MT-2	0-10, 50, 250, 500V	0-10, 50, 250, 500	500μA, 50mA, 250mA	N/A	0-1m (5Kμ mid scale)	N/A	-20dB to + 56dB on ACV ranges	N/A
BL-10K	0-2.5, 250, 1000V	0-10, 50, 250, 1000V	0-10mA, 250mA	N/A	1K/100K, (Rx10, Rx1K)	1.5V, 9V	-20dB to + 62dB	N/A
F-72	2.5, 10, 50, 500, 1000V	10, 50, 250, 1000V	5mA, 50mA, 500mA, 10A	N/A	10K, 100K, 10MEG	1.5V, 9V	-8dB to + 62dB in 4 ranges	Available



Analog Multimeters

61-610 Pocket size, mirrored scale plate, diode protected

61-614 Audible continuity, battery test, built-in stand



61-610

Low-cost analog multimeter. High-impact thermoplastic case. Decibel measurement. One year warranty.

EDGE

Analog Multimeters



Model 310 Series

- 3022 **Model 310-C** - AC/DC voltage measurement to 600V. Polarity reversing switch. Greater sensitivity on AC volts. Resistance to 20MΩ DC current to 600 mA.
- 3018 **Model 310** - AC/DC voltage measurement to 1200V. Resistance to 20MΩ DC current to 600 mA.



Drop resistant, high-impact case. Diode overload protection. Fused resistance ranges. Single enclosed range switch. Features 18 ranges and functions. Includes 42" safety test leads, screw-on insulated alligator clips, batteries and instruction manual. Three year warranty and one year on calibration. Model 310 shown with optional model 10 clamp-on.

Model 100 Series

- 3014 **Model 100** (with Model 310 and 10)
- 3010 **Model 100-C** (with Model 310-C and 10-C)



Comes complete with everything you need for maintenance testing including: Model 310 or 310-C and Model 10 or 10-C AC clamp-on. New improved Model 101-G line separator. 42" separating and test leads. Screw-on insulated alligator clips. Model 379 carrying case. Batteries. Instruction manual.

Model 60 Series

- 3145 **Model 60** - 28 ranges and functions. High impact orange case.
- 3151 **Model 60-NA** - 58 ranges and functions. High impact gray case. Range doubling switch. Output voltage measurement (DC block). 30V/100M on Rx100K range for testing insulation. Meter movement is temperature compensated for improved accuracy at temperature extremes.



Drop resistant, high-impact case guaranteed to withstand a 5 foot drop. Unique 3 fuse protection (including 2A/1000V fuse). Mirrored scale to reduce parallax error. Polarity reversing switch. Confidence test to check batteries, fuses, leads and meter accuracy. Decibel function for audio work. AC voltage frequency response to 40KHz typical. Accessories included - 48" safety test leads, screw-on insulated alligator clips, batteries, spare 1/8A and 1A fuses and instruction manual. Three year warranty and one year on calibration.

Model 630 Series

Single range switch to help reduce change of operator error. Diode overload protection and two fuse arrangement. Mirrored scale to reduce parallax error. Decibel function for audio work. All ranges are fuse protected. Thermoset plastic case. Includes 48" safety test leads, screw-on insulated alligator clips, batteries, spare fuse and instruction manual. Three year warranty and one year on calibration.

- 3030 **Model 630**



Twenty-five ranges and functions. Glass meter window for added chemical resistance. Two input jacks to help minimize error. AC voltage frequency response to 40KHz typical. Resistance measurement of 30V/100M on Rx100K range for testing insulation. AC/DC voltage to 600V, DC current to 120mA. Decibels (-20dBm to 57dBm).



Model 630 Series (cont.)

- 3050 **Model 630-PL**
- 3055 **Model 630-PLK** (with overload relay)

Twenty-eight ranges and function. AC voltage frequency response to 40KHz typical. Output voltage measurement (DC block). Current measurement to 10 amps (no external shunt required). Overload relay (630-PLK) provides user resettable protection. Polarity reversing and range doubling switch. Large, durable plastic window for easy viewing. Resistance measurement of 30V/100M on Rx100K range for testing insulation. AC/DC voltage to 1000V, resistance to 100 MΩ. decibels (-20dBm to 49dBm).

- 3042 **Model 630-NA**

Fifty-eight ranges and functions. AC voltage frequency response to 20KHz typical. Output voltage measurement (DC block). AC/DC voltage to 120V DC to decibels (-26dBm to -51dBm). Current measurement to 12 amp (no external shunt required). Polarity reversing and range doubling switch. Large, durable plastic window for easy viewing. Single range switch to minimize error. Resistance measurement of 30V/100M on Rx100K range for testing insulation. Temperature compensated meter movement for greater accuracy at extreme temperatures.

- 3102 **Model 630-NS**

Fifty-seven ranges and functions. Extremely sensitive meter for minimal circuit loading. AC voltage frequency response to 20KHz typical. Output voltage measurement (DC block). AC/DC voltage to 1200V DC resistance to 100MΩ, Decibels (-26dBm to -51dBm). Current measurement to 12 amp (no external shunt required). Polarity reversing and range doubling switch. Large, durable plastic window for easy viewing. Temperature compensated meter movement for greater accuracy at extreme temperatures.

G/P Series Portable Instruments

- 3500 0-1-5-25 volts DC
- 3501 0-25-100-500 volts DC
- 3506 0-25-100-500 mADC
- 3507 0-1-10-100 mADC
- 3508 0-1-5-25 amp DC
- 3530 0-6-60-600 volts AC, rectifier type
- 3541 0-5-25 volts AC, iron vane type
- 3543 0-150 volts AC, iron vane type
- 3544 0-1 amp AC, iron vane type
- 3545 0-5 amp AC, iron vane type
- 3546 0-25 amp AC, iron vane type
- 3560 0-1K-100KΩ
- 3593 0°F to 1000°F
- 3594 -100°F to 300°F



Wide, clear-view plastic 3 1/2" Model 320-G/330-G panel instrument. Bar-ring construction in DC movements assures self-shielding. AC iron vane types are True RMS. ±2% accuracy on DC and AC iron vane type. ±3% accuracy on AC rectifier type and ohms. ±3% or better accuracy on temperature. Knife-edge pointers: approximately 3" scale length. Diodes protect against instantaneous overloads on DC movements. AC iron vane type and ohm meter type movements are fuse protected. Five-way binding posts (except on temperature units). Three switch selected inputs on temperature units. Durable molded black plastic case.

Model 666-R

- 3066

Fourteen ranges and functions. No internal calibration adjustments required. Compact, portable thermoset case. Includes 48" safety test leads, screw-on insulated alligator clips, batteries and instruction manual. Three year warranty and one year on calibration. AC/DC voltage to 1000v, resistance to 3MΩ, DC current to 1A.



BK PRECISION

General Purpose DMM Kits
TL-130A

Attach probes or clips to the sheath plug to complete your test. Soft, flexible silicone leads make movement easy. Voltage and current rated for either electronic or electrical applications. IEC61010-2-031 compliant. Silicone lead wire length 60" (1.5m). Tri-fold velcro pouch.



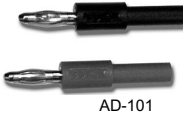
Maxi-Pro DMM Kits
TL-50

Includes soft, flexible silicone lead wire for easy movement and tri-fold velcro pouch for convenient storage. IEC61010-2-031 compliant. Silicone lead wire length 60" (1.5m).



Test Accessory Pairs

- AD-101 Banana plug adapter set with 42V (1000V) 36A rating with trained user.
- CC-104 Silicone lead set with highly flexible silicone jacket, 4mm sheathed straight to right-angle plugs, 60" (1.5m) length, and IEC61010 1000V CATIII 12A rating.
- TIP-102 Insulated alligator clip set with IEC61010 1000V CATIII 20A rating.
- TIP-104 Insulated space lug set with 42V (1000V) 36A rating with trained user.
- TIP-110 Very fine tip probe set with extended length with SS tip and IEC61010 1000V CATIII 20A rating.
- TIP-125A Alligator style clip set with rigid clip body and IEC61010 1000V CATIII 20A rating.
- TIP-127 Flexible pincer clip set with flexible shaft and IEC61010 1000V CATIII 6A rating.
- TIP-128A Insulation piercing clip set with wires up to .145" diameter and IEC61010 1000V CATIII 20A rating.
- TIP-129 Standard alligator clip set with IEC61010 300V CATI 3A rating.
- TIP-130 Probe body set with ø2mm probe tip and IEC61010 1000V CATIII 36A rating.
- TL-140 Five-way test clip set with five-way communication clip and 60" (1.5m) silicone leads.



Pomona®

Deluxe Multi-Use DMM Maxi Kit
5677A

Kit contains 2 each (black/red): Modular electronic test probes with replaceable tip and five sets of replacement tips, flexible test leads with straight and right angle DMM plugs, test lead couplers, electronic test probe leads with retractable tip, Minigrabber® leads, Minipincer® leads, medium alligator clips, extra large alligator clips and slide-on IC tips. Also includes two spade lug adapters. Supplied with a nylon pouch. Plugs fit most Fluke, Tektronix, Hewlett-Packard and Wavetek meters.



Pomona®

Multi-Use DMM Test Lead Kit
5899

Kit contains 2 each (black/red): Modular test probes with .080" dia tip, flexible test leads with straight and right angle DMM plugs, Maxigrabber® test clips with pincer tip and medium alligator clips. Supplied with a nylon pouch. Plugs fit most Fluke, Tektronix, Hewlett-Packard and Wavetek meters. Conforms to IEC1010-2-031, Overvoltage Category III, 1000V.



**Don't forget
the batteries!**

We stock:



and more!