

Data Sheet

Multimeters
Digital Clamp Meters



369B



367A



350B



330B

B&K Precision offers a variety of current clamps from small to large, for safe non-invasive current measurements. These meters also measure voltage and resistance. Some models even support frequency and capacitance measurements, and include special features such as recording capabilities of minimum and maximum values, peak values, and diode testing.

Common Features & Benefits

- AC voltage and current measurements
- Resistance measurements
- Audible continuity
- Data hold
- Low battery indicator
- Overload protection
- CE Approval

Model	369B	367A	350B	330B
AC Current	1000 A	2000 A	1000 A	1000 A
DC Current	1000 A	2000 A	--	--
AC Voltage	750 V	750 V	750 V	750 V
DC Voltage	1000 V	1000 V	1000 V	1000 V
Resistance	40 MΩ	40 MΩ	30 MΩ	2000 MΩ
Frequency	√	√	√	--
Capacitance	√	√	--	--
True RMS	√	√	--	--
Continuity	√	√	√	√
Diode	√	√	√	√
Count Resolution	4000	4000	3200	2000
Bargraph	√	√	√	--
Data Hold	√	√	√	√
Peak Hold	√	√	√	--
Max Hold	--	--	--	√
Range Hold	√	√	√	--
Max/Min Hold	√	√	--	--
Relative	√	√	--	--
Auto Off	30 min.	30 min.	10 min.	--
One-Year Warranty				
Supplied Accessories	Battery, Test leads, Instruction Manual, Carrying Case			
Optional Accessories	TL 1 replacement test leads , TL 2A deluxe test leads, TL 3 accessory tip kit (for TL 2A), TL 130A general purpose DMM kit, PR 28A high voltage probe, LC 33 carrying case			

Technical data subject to change
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Specifications

Model	369B	367A	350B	330B
AC Current (using clamp)				
Ranges	400 A, 1000 A	400 A, 2000 A	32 A, 320 A, 1000 A	200 A, 1000 A
Resolution	100 mA, 1 A	100 mA, 1 A	10 mA, 100 mA, 1 A	100 mA, 1 A
Basic Accuracy (50-60 Hz)	±(1.5% reading + 5 digits)	±(1.5% reading + 5 digits)	±(1.5% reading + 5 digits)	±(1.5% reading + 5 digits)
Overload Protection (for 60 sec max.)	1200 A	1200 A	1200 A	1200 A
DC Current (using clamp)				
Range	400 A, 1000 A	400 A, 2000 A	--	--
Resolution	100 mA, 1 A	100 mA, 1 A	--	--
Basic Accuracy	±(1.5% reading + 5 digits)	±(1.5% reading + 5 digits)	--	--
Overload Protection (for 60 sec max.)	1200 A	2000 A	--	--
AC Voltage (using test leads)				
Range	400 mV, 4 V, 40 V, 400 V, 750 V	400 mV, 4 V, 40 V, 400 V, 750 V	3.2 V, 32 V, 320 V, 750 V	750 V
Resolution	100 µV, 1 mV, 10 mV, 100 mV, 1 V	100 µV, 1 mV, 10 mV, 100 mV, 1 V	1 mV, 10 mV, 100 mV, 1 V	1 V
Basic Accuracy	±(1.5% reading + 4 digits)	±(1.5% reading + 4 digits)	±(1.5% reading + 4 digits)	±(1.5% reading + 5 digits)
Overload Protection	1000 V DC/750 V RMS	1000 V DC /750 V RMS	1000 V DC /750 V RMS	1000 V DC /750 V RMS
Input Impedance	10 MΩ	10 MΩ	10 MΩ	4.5 MΩ
DC Voltage (using test leads)				
Range	400 mV, 4 V, 40 V, 400 V, 1000 V	400 mV, 4 V, 40 V, 400 V, 1000 V	320 mV, 3.2 V, 32 V, 320 V, 1000 V	1000 V
Resolution	100 µV, 1 mV, 10 mV, 100 mV, 1 V	100 µV, 1 mV, 10 mV, 100 mV, 1 V	100 µV, 1 mV, 10 mV, 100 mV, 1 V	1 V
Basic Accuracy	±(0.5% reading + 1 digits)	±(0.5% reading +1 digits)	±(0.5% reading + 1 digits)	±(0.5% reading + 1 digits)
Overload Protection	1000 V DC/750 V RMS	1000 V DC/750 V RMS	1000 V DC/750 V RMS	1000 V DC/750 V RMS
Input Impedance	10 MΩ	10 MΩ	10 MΩ	10 MΩ
Resistance				
Range	400 Ω, 4 kΩ, 40 kΩ, 400 k, 4 M, 40 MΩ	400 Ω, 4k Ω, 40 kΩ, 400 k, 4 M 40 MΩ	320 Ω, 3.2 kΩ, 32 kΩ, 320 kΩ, 3.2 MΩ, 30 MΩ	200 Ω, 20 kΩ, 200 kΩ, 20 MΩ, 2000 MΩ
Resolution	0.1 Ω, 1 Ω, 10 Ω, 100 Ω,1 kΩ, 10 kΩ	0.1 Ω, 1 Ω, 10 Ω, 100 Ω,1 kΩ, 10 kΩ	0.1 Ω, 1 Ω, 10 Ω, 100 Ω,1 kΩ, 10 kΩ	0.1 Ω, 1 Ω, 10 Ω, 10 kΩ, 100 kΩ
Basic Accuracy	±(1% reading + 2 digits)	±(1% reading + 2 digits)	±(1% reading + 3 digits)	±(1% reading + 3 digits)
Overload Protection	500 V DC/ AC RMS	500 V DC/ AC RMS	500 V DC/AC RMS	1000 V DC/750 AC RMS
Frequency				
Range	100 Hz, 1 kHz, 10 kHz, 100 kHz, 400 kHz	100 Hz, 1 kHz, 10 kHz, 100 kHz, 400 kHz	320 Hz, 3.2 kHz, 32 kHz	--
Resolution	0.01 Hz, 0.1 Hz, 1 Hz, 10 Hz, 100 Hz	0.01 Hz, 0.1 Hz, 1 Hz, 10 Hz, 100 Hz	0.1 Hz, 1 Hz, 10 Hz	--
Basic Accuracy	±(0.1% reading + 3 digits)	±(0.1% reading + 3 digits)	±(1% reading + 4 digits)	--
Overload Protection	500 V DC/AC RMS	500 V DC/AC RMS	500 V DC/AC RMS	--
Capacitance				
Range	4n F, 40 nF, 400 nF, 4 µF, 40 µF	4 nF, 40 nF, 400 nF, 4 µF, 40 µF	--	--
Resolution	0.001 nF, 0.01 nF, 0.1 nF, 0.001 µF, 0.01 µF	0.001 nF, 0.01 nF, 0.1 nF, 0.001 µF, 0.01 µF	--	--
Basic Accuracy	±(1.5% reading + 4 digits)	±(1.5% reading + 4 digits)	--	--
Overload Protection	500 V DC/AC RMS	500 V DC/AC RMS	--	--
General				
Jaw Opening	2.24" (57 mm)			
Display	3 3/4 digit LCD, 4000 count (9999 in frequency) with 42 segment bargraph		3 1/2 digit LCD 3200 count with 34 segment bargraph	3 3/4 digit LCD 2000 count
Measure Rate	Nominal 2/sec			Nominal 2.5/sec
Operating Temperature	32° to 122°F, 70% RH, (0° to 50°C)			
Storage Temperature	-4° to 140°F, 80% RH, (-20° to 60°C)			
Power Requirements	One 9 V battery, alkaline recommended type NEDA 1604A			
Battery Life	500 Hours			
Dimensions	10.9 x 4 x 1.9" (277 x 102 x 49 mm)			
Weight (includes battery)	18.9 oz (540 g)			