Clamp-On Multimeters



369B
True RMS

350B

367A

330B

313

312A

B+K Precision offers a wide variety of current clamps for safe non-invasive current measurement. Measure up to 2000A with these reliable, rugged instruments. All of B+K Precision clamps are much more than a current clamp offering the ability to measure, voltage resistance, capacitance and even frequency. Additionally, special features allow for the recording of minimum and maximum values, peak values, test diodes and for continuity. Any one of these products can be a total measurement solution.

- **Measures up to 2000A**
- **Measures up to 1000V**
- **Jaw openings 2.24" (Models 330B, 350B 369B)**
- **Low battery indication**
- **Accessories Supplied: Battery, Test Leads, Instruction Manual, Carrying Case**

Features

	models					
	369B	367A	350B	330B	313	312A
AC Current	1000A	2000A	1000A	1000A	400A	400A
DC Current	1000A	2000A			400A	
AC Voltage	750V	750V	750V	750V	600V	600V
DC Voltage	1000V	1000V	1000V	1000V	600V	600V
Resistance	40MΩ	40MΩ	30MΩ	2000MΩ	40MΩ	400Ω
Frequency	√	√	√			√
Capacitance	√	√				
True RMS	√	√				
Continuity	√	√	√	√	√	√
Diode	√	√	√	√		
Count Resolution	4000	4000	3200	2000	4000	4000
Bargraph	√	√	√			
Data Hold	√	√	√	√	√	√
Peak Hold	√	√	√			
Max Hold				√		
Range Hold	√	√	√			
Max/Min	√	√				
Relative	√	√				
Auto Off	30 min.	30 min.	10 min.		30 min.	30 min.

Specifications

	models					
	369B	367A	350B	330B	313	312A
AC Current (using Clamp)						
Ranges	400A, 1000A	400A, 2000A	32A, 320A, 1000A	200A, 1000A	40A, 400A	40A, 400A
Resolution	100mA, 1A	100mA, 1A	10mA, 100mA, 1A	100mA, 1A	10mA, 100mA	10mA, 100mA
Accuracy (50-60 Hz)	±(1.5% rdg + 5D)	±(1.5% rdg + 5D)	±(1.5% rdg + 5D)	±(1.5% rdg + 5D)	±(2% rdg + 10D)	±(2% rdg + 10D)
Overload Protection	1200A	1200A	1200A	1200A	660A	660A
DC Current (using Clamp)						
Range	400A, 1000A	400A, 2000A	Does not apply	Does not apply	40A, 400A	Does not apply
Resolution	100mA, 1A	100mA, 1A			10mA, 100mA	
Accuracy	±(1.5% rdg + 5D)	±(1.5% rdg + 5D)			±(2.5% rdg + 10D)	
Overload Protection	1200A	1200A			660A	

Clamp-On Multimeters

Specifications

	models					
	369B	**367A**	**350B**	**330B**	**313**	**312A**
AC Voltage (using test leads)						
Range	400mV, 4V, 40V, 400V, 750V	400mV, 4V, 40V, 400V, 750V	320mV, 3.2V, 32V, 320V, 750V	750V	400mV, 4V, 40V, 400V, 600V	400V, 600V
Resolution	100µV, 1mV, 10mV, 100mV, 1V	100µV, 1mV, 10mV, 100mV, 1V	100µV, 1mV, 10mV, 100mV, 1V	1V	100nV, 1mV, 10mV, 100mV, 1V	100mV, 1V
Basic Accuracy	±(1.5% rdg + 4D)	±(1.5% rdg + 4D)	±(1.5% rdg + 4D)	±(1.2% rdg + 5D)	±(1.2% rdg + 4D)	±(1.5% rdg + 5D)
Overload Protection	1000V DC/750 V RMS	1000V DC /750V RMS	1000V DC /750V RMS	1000V DC /750V RMS	660Vrms	660Vrms
Input Impedance	10 MΩ	10 MΩ	10 MΩ	4.5 MΩ	10 MΩ	10 MΩ
DC Voltage (using test leads)						
Range	400mV, 4V, 40V, 400V, 1000V	400mV, 4V, 40V, 400V, 1000V	320mV, 3.2V, 32V, 320V, 1000V	1000V	400mV, 4V, 40V, 400V, 600V	400V, 600V
Resolution	100µV, 1mV, 10mV, 100mV, 1V	100µV, 1mV, 10mV, 100mV, 1V	100µV, 1mV, 10mV, 100mV, 1V	1V	100µV, 1mV, 10mV, 100mV, 1V	100mV, 1V
Basic Accuracy	±(0.5% rdg + 1D)	±(0.5% rdg +1D)	±(0.5% rdg + 1D)	±(0.5% rdg + 1D)	±(1% rdg + 3D)	±(1% rdg + 3)
Overload Protection	1000V DC/750V RMS	1000V DC/750V RMS	1000V DC/750V RMS	1000V DC/750V RMS	660Vrms	660Vrms
Input Impedance	10 MΩ	10 MΩ	10 MΩ	10MΩ	10MΩ	10MΩ
Resistance						
Range	400Ω, 4kΩ, 40kΩ, 400k, 4M 40MΩ	400Ω, 4kΩ, 40kΩ, 400k, 4M 40MΩ	320Ω, 3.2kΩ, 32kΩ, 320kΩ, 3.2MΩ, 30MΩ	200Ω, 20kΩ, 20MΩ, 2000MΩ	400Ω, 4kΩ, 40kΩ 400kΩ, 4mΩ, 40MΩ	400Ω
Resolution	0.1Ω, 1Ω, 10Ω, 100Ω,1kΩ, 10kΩ	0.1Ω, 1Ω, 10Ω 100Ω,1kΩ, 10kΩ	0.1Ω, 1Ω, 10Ω, 100Ω,1kΩ, 10kΩ	0.1Ω, 10Ω, 10kΩ, 100kΩ	0.1Ω, 1Ω, 10Ω, 100Ω,1kΩ, 10kΩ	0.1Ω
Basic Accuracy	±(1% rdg + 2D)	±(1% rdg + 2D)	±(1% rdg + 3D)	±(1% rdg + 3D) 4kΩ-4MΩ:±(1% rdg + 3D) 40MΩ: ±(3% rdg + 3D)	400Ω: ±(1% rdg + 5D)	±(1% rdg + 5)
Overload Protection	500V DC/ AC RMS	500V DC/ AC RMS	500V DC/AC RMS	500V DC/AC RMS	660V RMS	660Vrms
Frequency						
Range	100Hz, 1kHz, 10kHz 100kHz, 400kHz	100Hz, 1kHz, 10kHz 100kHz, 400kHz	320Hz, 3.2kHz, 32kHz	Does not apply	Does not apply	4k,40k,400kHz 4MHz, 40MHz
Resolution	0.01Hz, 0.1Hz, 1Hz 10Hz, 100Hz	0.01Hz, 0.1Hz, 1Hz 10Hz, 100Hz	0.1Hz, 1Hz, 10Hz			1Hz, 10Hz, 100Hz 1kHz, 10kHz
Accuracy	±(0.5% rdg + 3D)	±(0.5% rdg + 3D)	±(1% rdg + 2D)			±(0.8% rdg + 2D)
Overload Protection	500V DC/AC RMS	500V DC/AC RMS	500V DC/AC RMS		660 VRMS	
Capacitance						
Range	4nF, 40nF, 400nF, 4µF, 40µF	4nF, 40nF, 400nF, 4µF, 40µF	Does not apply	Does not apply	Does not apply	Does not apply
Resolution	1pF, 10pF, 100pF, 1nF, 10nF, 100nF	1pF, 10pF, 100pF, 1nF, 10nF, 100nF				
Accuracy	±(1.5% rdg + 4D)	±(1.5% rdg + 4D)				
Overload Protection	500V DC/AC RMS	500V DC/AC RMS				
Jaw Opening	2.24" (57mm)	2.24" (57mm)	2.24" (57mm)	2.24" (57mm)	1.06" (27mm)	1.06" (27mm)
Display	3 3/4 digit LCD, 4000 count 9999 in Frequency 42 segment bar graph	3 3/4 digit LCD, 4000 count 9999 in Frequency 42 segment bar graph	3 1/2 digit LCD 3200 count	3 3/4 digit LCD 2000 count 34 segment bar graph	3 3/4 digit LCD 4000 count	3 3/4 digit LCD 4000 count
Polarity	Automatic, "-" indicated	Automatic, "-" indicated				
Measure Rate	2/sec.	2/sec.	2/sec.	2.5/sec.	2/sec.	2/sec.
Overrange Indication	"OL"	"OL"	"OL"	"OL"	"OL"	"OL"
Operating Temperature	32° - 122°F, 70% RH (0° - 50°C)	32° - 122°F, 70% RH (0° - 50°C)	32° - 122°F, 70% R.H. (0° - 50°C)	32° - 122°F, 70% RH (0° - 50°C)	32° - 122°F, 80% RH (0° - 50°C)	32°-122°F, 80% RH (0° - 50°C)
Storage Temperature	-4° - +140°F, 80% RH (-20° - +60°C)	-4° - +140°F, 80% RH (-20° - +60°C)	-4° - +140°F, 80% RH (-20° - +60°C)	-4° - +140°F, 80% RH (-20° - +60°C)	14° - 140°F, 70% RH (-10° - +60°C)	14°-140°F, 70% RH (-10° - +60°C)
Power Requirements	One 9V battery, alkaline recommended type NEDA 1604A				2 AAA Batteries	2 AAA Batteries
Battery Life	500 Hours	500 Hours	500 Hours	500 Hours		
Dimensions	10.8 x 3.6 x 1.7" (275 x 90 x 43mm)	10.8 x 3.6 x 1.7" (275 x 90 x 43mm)	10.8 x 3.6 x 1.7" (275 x 90 x 43mm)	10.8 x 3.6 x 1.7" (275 x 90 x 43mm)	7.4 x 2.5 x 1.2" (188 x 63 x 31mm)	7.4 x 2.5 x 1.2" (188 x 63 x 31mm)
Weight	18.3oz (519g)	18.3oz (519g)	17oz. (482g)	17oz. (482g)	6.5oz. (185g)	6.5oz. (185g)

Accessories

One Year Warranty

SUPPLIED: Battery, Test leads, Instruction Manual, Carrying Case
OPTIONAL: 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, CP-3 AC/DC Current Clamp Adapter, LC-33 Carrying Case