imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

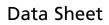


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5XP-A Digital Multimeter

A compact full-purpose multimeter.

The Amprobe 5XP-A digital multimeter provides superior features and accuracy in a smaller form factor. The 5XP-A has unique features such as VolTect[™] non-contact voltage (NVC) detection and our exclusive Magne-Grip[™] holster that frees both hands for work. The 5XP-A is the right choice for residential, commercial and general troubleshooting applications.

- 27 ranges/10 functions
- Battery load test with
 1.5 V and 9 V capabilities
- MinMax record minimum and maximum values
- Triple safety rating



5XP-A



No hassle warranty

NO HASSL

No waiting.

No shipping charges.

Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)

Amprobe® Test Tools

www.Amprobe.com



5XP-A Digital Multimeter

Data Sheet

General Specifications

Display	3-1/2 digit liquid crystal display (LCD) with a maximum reading of 1999
Polarity	Automatic, positive implied, negative polarity indication
Overrange	(OL) or (-OL) is displayed
Low Battery Indication	The "🕶 " is displayed when the battery voltage drops below the operating level
Measurement Rate	2.5 times per second, nominal
Operating Environment	0 °C to 50 °C at <70 % R.H.
Storage Temperature	-20 °C to 60 °C, 0 to 80 % R.H. with battery removed from meter
Accuracy	Stated accuracy at 23 °C ± 5 °C, <75 % relative humidity
Temperature Coefficient	0.1 x (specified accuracy) per °C (0 °C to 18 °C, 28 °C to 50 °C)
Altitude	2000 m (6561.7 ft)
Power	Single standard 9 volt battery, NEDA 1604, JIS 006P, IEC 6F22
Battery Life	200 hours typical with carbon-zinc
Dimensions (H x W x D)	155 mm x 72 mm x 32 mm (6.1 in x 2.8 in x 1.3 in)
Weight	Approx. 210 g (7.4 oz) including battery
Warranty	One-year

Specifications

Function	Range	Accuracy	
Voltage			
DC Volts			
Ranges	200 mV, 2 V, 20 V, 200 V, 1000 V	± (1.0 % rdg + 1 dgt)	
AC Volts (45 Hz to 500 Hz)			
Ranges	200 mV, 2 V, 20 V, 200 V, 750 V	± (1.5 % rdg + 5 dgts)	
Resolution	100 μV		
Input Impedance	10 MΩ		
Overload Protection	200 mV: 1000 V DC or 750 V AC RMS (3 minutes)		
	All other ranges: 1000 V DC or 750 V AC RMS		
Current			
DC Current			
Ranges	200 µA, 2 mA, 20 mA, 200 mA	± (1.5 % rdg + 1 dgt)	
AC Current (45 Hz to 500 Hz)			
Ranges	200 µA, 2 mA, 20 mA, 200 mA	± (2.0 % rdg + 5 dgts)	
Resolution	0.1 μΑ		
Input Protection	315 mA/1000 V fast blow ceramic fuse 6.3 mm x 32 mm on mA input		
Burden Voltage	300 mV max. (1 V max. on 200 mA range)		
Resistance	200 Ω, 2 kΩ, 20 kΩ, 200 kΩ	± (1.0 % rdg + 4 dgts)	
	2 MΩ	± (1.5 % rdg + 4 dgts)	
	20 MΩ	± (2.0 % rdg + 5 dgts)	
Resolution	100 mΩ		
Open Circuit Voltage	0.3 V DC typical, (3.0 V DC on 200 Ω range)		
Overload Protection	1000 V DC or 750 V AC RMS		
Continuity			
Audible Indication	75 Ω	± 25 Ω	
Response Time	100 ms		
Overload Protection	1000 V DC or 750 V AC RMS		



5XP-A Digital Multimeter

Data Sheet

Specifications, cont.

Function	Range	Accuracy	
Diode Test			
Test Current	1.0 mA (approximate)	±(1.5 % rdg + 3 dgts)	
Resolution	1 mV		
Open Circuit Voltage	3.0 V DC typical		
Overload Protection	1000 V DC or 750 V AC RMS		
	1000 V 600 V 300 V		
Battery Test	1.5 V, 9 V	± (3.5 % rdg + 2 dgts)	
Resolution	1 mV, 10 mV		
Loaded Current	150 mA typical for 1.5 V range, 5 mA typical for 9 V range		
Overload Protection	1000 V DC or 750 V AC RMS on 9 V range, on V Ω input		
	315 mA/1000 V fast blow ceramic fuse on 1.5 V range, on mA input		
Non-Contact Voltage Indicator		· · · · · · · · · · · · · · · · · · ·	

Sense voltage 70 V to 600 V AC; beeper chirps and bright red LED comes on, works on all ranges



5XP-A Digital Multimeter

Data Sheet



Included Accessories

Pair of test leads (TL245A), fuse 315 mA/1000 V P/N FP300, 9 V battery (installed), Magne-Grip[™] Holster with magnetic hanging strap and users manual.

Optional Accessories

VĊ30A	Carrying Case
DL243D	Test Lead Kit
TC253B	Temperature Converter
TL36A	Test Lead Set with alligator clips

Amprobe® Test Tools

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