# 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.

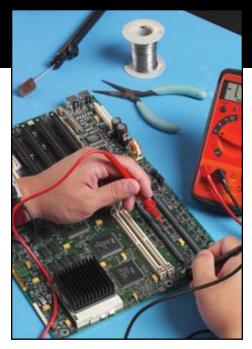
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





## No hassle warranty

NO HASSL

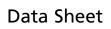
No waiting.

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)





## **15XP-B** Digital Multimeter

A compact digital multimeter for electronics and test applications

- The 15XP-B is the right choice for electronics engineers, technicians and field service
- Autoranging display for faster measurements
- TTL logic test for digital circuits
- Integrated tilt stand for easy bench use
- Diode test for component level troubleshooting
- Data Hold freezes display to "hold" measurement reading
- 750 V AC / 1000 V DC—highest voltage rating in this size of meter
- Special 2000MΩ measurement range



15XP-B



#### www.Amprobe.com



### 15XP-B Digital Multimeter

### Data Sheet

#### **General Specifications**

3-1/2 digit liquid crystal display (LCD) with a maximum reading of 1999
Automatic, positive implied, negative polarity indication
(OL) or (-OL) is displayed
Automatic
The "🖽 " is displayed when the battery voltage drops below the operating level
Approx. 10 minutes
2 times per second, nominal
0 °C to 50 °C at <70 % R.H.
-20 °C to 60 °C, 0 to 80 % R.H. with battery removed from meter
Stated accuracy at 23 °C $\pm$ 5 °C, <75 % relative humidity
0.1 x (specified accuracy) per °C (0 °C to 18 °C, 28 °C to 50 °C)
2000 m
Single standard 9 volt battery, NEDA 1604, JIS 006P, IEC 6F22
200 hours typical with carbon-zinc
(H x W x D) 155 mm x 72 mm x 32 mm (6.1 x 2.83 x 1.26 IN)
Approx. 210 g (0.46 Lb) including battery
One-year

#### Specifications

Function	Range	Accuracy
Voltage		
DC Volts		
Ranges	200 mV, 2 V, 20 V, 200 V, 1000 V	± (0.5 % rdg + 1 dgt)
AC Volts (45 Hz to 500 Hz)		
Ranges	200 mV (45 Hz to 100 Hz)	± (1.5 % rdg + 5 dgts)
	2 V, 20 V, 200 V, 750 V	± (1.5 % rdg + 5 dgts)
Resolution	100 μV	
Input Impedance	400 mV: >100 MΩ; 4 V: 10 MΩ; 40 V to 1000 V: 9.1 MΩ	
Overload Protection	1000 V DC or 750 V AC RMS	
Current		
DC Current		
Ranges	200 μA, 2000 μA, 20 mA, 200 mA	± (1.0 % rdg + 2 dgt)
	2 A	± (2.0 % rdg + 3 dgts)
AC Current (45 Hz to 500 Hz)		
Ranges	200 μA, 2000 μA, 20 mA, 200 mA	± (1.5 % rdg + 5 dgts)
	2 A	± (2.5 % rdg + 5 dgts)
Resolution	0.1 μΑ	
Input Protection	2 A/1000 V fast blow ceramic fuse 6.3 mm x 32 mm on A input	
Burden Voltage	500 mV max. (2 V max. on 2 mA, 200 mA ranges)	
Resistance	200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ	± (1.0 % rdg + 4 dgts)
	2000 ΜΩ	± {5.0 % (rdg -10 dgts) +20 dgt}
Resolution	100 mΩ	
Open Circuit Voltage	-0.45 V DC typical, (-1.2 V DC on 200 $\Omega$ range)	
Overload Protection	1000 V DC or 750 V AC RMS	
Continuity		
Audible Indication	Less than 25 $\Omega$	
Response Time	100 ms	
Overload Protection	1000 V DC or 750 V AC RMS	

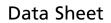


### **15XP-B Digital Multimeter**

#### Specifications, cont.

Function	Range	Accuracy	
Diode Test			
Test Current	1.2 mA (approximate)	±(1.5 % rdg + 3 dgts)	
Resolution	1 mV		
Open Circuit Voltage	3.0 dc typical		
Overload Protection	1000 V DC or 750 V AC RMS		
Logic Test	TTL		
Thresholds Logic 1 (Hi )	2.8 V ± 0.8 V		
Thresholds Logic 0 (Lo)	0.8 V ± 0.5 V		
Test Voltage	TTL 5 VDC		
Frequency Range	20 MHz		
Pulse Width	25 ns min		
Duty Cycle Limits	> 30 % and < 70 %		
Indication	40 ms beep at Logic 0 ( Lo)		
Overload Protection	1000 VDC or 750 VAC RMS		-
Non-Contact Voltage Indica	tor		
Sanca valtaga 70 V to 600 V	ac (EQ Hate 60 Ha) because chirps and high	right red LED comes on works on all ranges	

Sense voltage 70 V to 600 V ac (50 Hz to 60 Hz) beeper chirps and big bright red LED comes on, works on all ranges





#### Data Sheet



#### Included Accessories

Pair of test leads (TL245A), fuse 2 A/ 1000 V (P/N FP200), 9 V battery (installed), Magne-Grip<sup>™</sup> Holster with magnetic hanging strap and users manual.

Optional Accessories VC30A Carrying Case DL243D Test Lead Kit

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