

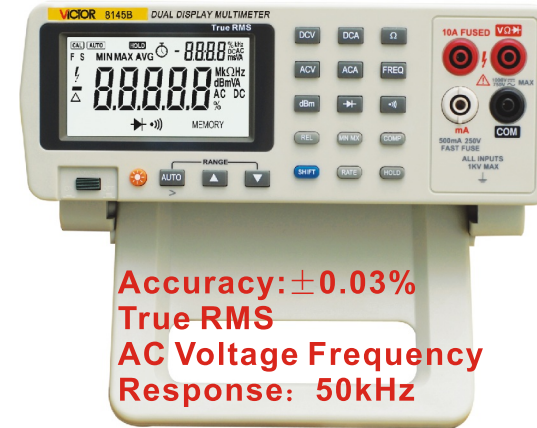
## Company Profile

Located in prosperous Shenzhen City, the neighbor of Hong Kong, Shenzhen Victor Hi-Tech Co., Ltd. specializes in developing, producing and marketing instruments and meters under the brand of Victor ±. Our products have won a good reputation since our first promotion in the 1980s. Our products include analog and digital multimeters, clamp-onmeters, megohmmeters, thermometers, tachometers, vibrometers, luxmeters, process calibrators, function generators, frequency counters, oscilloscopes and other electronic testing and measuring equipment.

Focusing on quality control system, we have been valued as complying ISO9001 standard, and our exporting products have passed the international CE certification.

Nowadays, we have agents and representatives in every city of China. Meanwhile, we successfully enter the overseas market in many countries. We strive to provide the best products and most considerate services to all customers.

### VICTOR 8145B Dual display multimeter



**Accuracy: ±0.03%**  
**True RMS**  
**AC Voltage Frequency**  
**Response: 50kHz**

- 33000-count digital reading primary display, high accuracy of 0.03% for DC voltage measurement.
- Measure: DC voltage, AC voltage, DC current, AC current, resistance, frequency, continuity test, diode test, decibel (dB), minimum or maximum and average measurement, relative value measurement and compare measurement.
- Can measure 1000V high voltage, 10A current, 100MΩ resistance, 20MHz frequency.
- Instrument can communicate with computer through USB interface, through which computer can control, monitor instrument and store the measured data of instrument.

### Technical data

Basic function	Range	Accuracy
DC Voltage	300mV/3V/30V/300V/1000V	±(0.03%+5)
AC Voltage	300mV/3V/30V/300V/750V	±(0.5%+50)
DC Current	0.3mA/3mA/30mA/300mA/10A	±(0.05%+3)
AC Current	30mA/300mA/10A	±(0.5%+30)
Resistance	300Ω/3kΩ/30kΩ/300kΩ/3MΩ/30MΩ/100MΩ	±(0.05%+3)
Frequency	300Hz/3kHz/30kHz/300kHz/3MHz/20MHz	±(0.03%+2)
Power Supply	(110V/220V) AC50Hz or 60Hz, Power: 5W	
Dimensions	245×220×82 (mm)	
Weight	Approx: 2Kg	

Continuity				
Range	Continuous Resistance	Open Circuit Voltage	Short Circuit Current	Max. input voltage
300Ω	150Ω	2.5V	About 1.25mA	250VDC/RMS AC
Diode test				
Range	Accuracy	Max. measuring voltage	Max. measuring current	Max. input voltage
3V	1%	≤2V	About 1.25mA	250VDC/RMS AC
Sensitivity of AC Voltage				
Frequency	Level (sine wave)			
10Hz-30KHz	>30mV			
10Hz-300KHz	>1.5V			

### VICTOR 8145C Desktop Multimeter

1. LCD display, White LED backlight.
2. Operating requirements:
  - Operating temperature: 0 to 50 °C
  - Operating humidity: ≤85%RH.
3. Storage requirements:
  - Storage temperature: -25 to 60°C
  - Storage humidity: ≤90%RH (non-condensing).
4. Certified as compliant to IEC / EN61010-1: 600V CAT IV, 1000V CAT III.
5. Certified as compliant to IEC / ENEN61326-1 EMC standard.
6. Certified as compliant to IEC 60068-2-64: 2008, IEC 60068-2-32: 2008 with respect to vibration.
7. Power consumption: about 5VA
8. Size and weight: 245×220×82mm, about 2kg.
9. Accessories: a pair of test leads, power supply converter.

### Technical data

Measurements	Range	Basic Resolution
DCV	200.00mV / 2.0000V / 20.000V / 200.00V / 1000.0V	0.05%+4
ACV	200.00mV / 2.0000V / 20.000V / 200.00V / 750.0V	0.5%+40
DCA	200.00uA / 2000.0uA / 20.000mA / 200.00mA / 2.000.0A / 10.000A	0.2%+10
ACA	200.00uA / 2000.0uA / 20.000mA / 200.00mA / 2.000.0A / 10.000A	0.8%+30
OHM	200.00Ω / 2.0000kΩ / 20.000kΩ / 200.00kΩ / 2.0000MΩ / 20.000MΩ / 200.00MΩ	0.2%+5
FREQ	3.0000Hz~99.999MHz	0.02%+4
DUTY	0.1%~99%	1%
DIODE	2.0000V	1%+10
Continuity test	600.0Ω, resistance less than 60Ω with buzzer on	
CAP	9.999nF / 99.99nF / 999.9nF / 9.999μF / 99.99μF / 999.9μF / 9.999mF / 99.99mF	1%+5
Temperature	-200.0~1360.0°C, (K type K type testing leads) Auto cold compensation, displayed in °C/°F.	1%+1°C