

Benchtop Digital Multimeters

Model: 8155 (5 1/2) 8165(6 1/2) 8165A (6 1/2)



Features

Model	8155	8165	8165A
Diode & continuity test	√	√	√
Auto power-off	√	√	√
Square Wave Output	√	√	√
2 / 4 wire resistance measurement	√	√	√
Data Hold	√	√	√
SCPI	√	√	√
With rear panel signal input terminal	---	---	√
Panel calibration	√	internal & external calibration	internal & external calibration
Diagram Display	N/A	tendency chart, histogram, history curve, listing	tendency chart, histogram, history curve, listing
Max. Display	199999	1999999	1999999
Interface	RS-232, USB	RS-232, USB, LAN,	RS-232, USB, LAN, GPIB
3.5-inch color display	480*320 TFT	480*320 TFT	480*320 TFT
Sample Rate	Fast/ Mid/ Slow	Fast/ Mid/ Slow	Fast/ Mid/ Slow
Operation Way	Auto / Manual Range	Auto / Manual Range	Auto / Manual Range
Trigger	Auto/external/single	Auto/external/single	Auto/external/single
Mathematical functions	Max/Min., relative measurement, dB, dBm	Max/Min., relative measurement, dB, dBm, Zero, limit	Max/Min., relative measurement, dB, dBm, Zero, limit

DIGITAL MULTIMETER



Specifications

Model	Range	8155	8165	8165A
DC voltage	200mV/2V/20V/200V/1000V	± (0.015%+4)	---	---
	100mV/1V/10V/100V/1000V	---	±(0.0015%+5)	±(0.0015%+5)
AC voltage	200mV/2V/20V/200V/750V	± (0.2%+100)	---	---
	100mV/1V/10V/100V/750V	---	± (0.02%+100)	± (0.02%+100)
DC current	200uA/2m/20m/200mA/2A/10A	± (0.05%+10)	---	---
	10uA/100uA/1mA/10mA/100mA/1A/10A	---	± (0.005%+10)	± (0.005%+10)
AC current	200uA/2m/20m/200mA/2A/10A	± (0.3%+400)	---	---
	100uA/1mA/10mA/100mA/1A/10A	---	± (0.03%+10)	± (0.03%+10)
Resistance	200Ω/2KΩ/20KΩ/200KΩ/2MΩ/20MΩ	± (0.02%+6)	---	---
	10Ω/100Ω/1kΩ/10kΩ/100kΩ/1MΩ/10MΩ/100MΩ	---	± (0.002%+6)	± (0.002%+6)
Capacitance	2nF/20nF/200nF/2uF/20uF/200uF/2mF	± (2.0%+5)	---	---
	1nF/10nF/100nF/1uF/10uF/100uF/1mF/10mF/100mF	---	± (1.0%+5)	± (1.0%+5)
Frequency	200Hz/2kHz/20kHz/200kHz/2MHz/20MHz	± (0.1%+3)	---	---
	3Hz~300kHz	---	± (0.02%+4)	± (0.02%+4)
Duty Cycle	5.50%~95.0%	<10%	<10%	<10%

General Information

Model	8155	8165	8165A
Power supply	220V±10%AC or 110V±10%AC, 50Hz or 60Hz		
Product color	White		
Product weight	2300g		
Product size	265 × 105 × 330mm		
Standard accessories	Test leads, Alligators (for 8165 and 8165A), Manual, Power Cable, Fuses, Software CD		
Optional accessories	RS232 cable, USB cable	For 8165 & 8165A (GPBI cable, cabinet-installing suite, PT100 temperature probe)	