

The Black Star 3225 has similar specifications to the 3210 but has averaged readings on the AC Ranges.

Specifications:

DC Voltage	Range	Resolution	Accuracy
	200mV	100µV	
	2V	1mV	
	20V	10mV	}±(0.25% rdg + 1 dgt)
	200V	100mV	
	1000V	1V	

DC Current	Range	Resolution	Accuracy
	200µA	100nA	
	2mA	1µA	
	20mA	10µA	}±(0.3% rdg + 1 dgt)
	200mA	100µA	
	2000mA	1mA	±(0.5% rdg + 1 dgt)
	10A	10mA	±(2% rdg + 3 dgt)

Overload protection: 2A(250V) fuse except 10A range.
 Max input on 10A range is 20A for 10 seconds.
 Maximum Voltage burden:<1V 2000mA range.
 200mV all other ranges.

AC Voltage, "Average Reading"

Range	Resolution	Accuracy		
		45Hz - 1kHz	1kHz - 10kHz	10kHz-20kHz
200mV	100µV	±(0.5%rdg+2d)	±(1.5%rdg+2d)	±(3%rdg+5d)
2V	1mV	±(0.5%rdg+2d)	±(1.5%rdg+2d)	±(5%rdg+5d)
20V	10mV	±(0.5%rdg+2d)	±(2%rdg+2d)	±(5%rdg+5d)
			45Hz - 400Hz	400Hz - 2kHz 2kHz - 10kHz
200V	100mV	±(0.5%rdg+2d)	±(3%rdg+5d)	±(5%rdg+5d)
750V	1V	±(0.5%rdg+2d)		

Accuracy specifications apply for inputs between 20% and 100% of full scale.

AC Current, "Average Reading"

	Range	Resolution	Accuracy
		45Hz - 1kHz	
	200µA	100nA	
	200µA	1µA	
	20mA	10µA	}±(1%rdg + 2dgt)
	200mA	100µA	
	200mA	1mA	
	10A	10mA	±(2.5%rdg + 2dgt)

Overload Protection: 2A (250V) fuse except 10A range
 Input on 10A range is 20A for 10 seconds

Resistance	Range	Resolution	Accuracy
	200R	100mR	
	2kR	1R	
	20kR	10R	}±(0.3%rdg + 1 dgt)
	200kR	100R	
	2000kR	1kR	±(0.4%rdg + 1 dgt)
	20MR	10kR	±(1%rdg + 2dgt)

Maximum Permissible

Input Voltage: 250V DC or AC rms
 Full Scale Voltage: 200R, and 2kR: <0.5V
 20kR, 200kR, 2000kR and 20MR: >0.7V

Diode Test

The 20kR range has sufficient full-scale voltage to turn on a silicon diode at a current of approximately 100µA.

Continuity Test When the continuity tester is selected an internal audible "Beeper" sounds when the resistance between the test probes is less than approximately 50R.

Supplied Accessories; Instruction manual, Test lead set, Alkaline Batteries

Dimensions: 79 x 219 x 240 (Height x Width x Depth)

Weight: 1.2Kg (including batteries)

Designed and manufactured in Britain