

## Analogue+Digital Multimeter



## ST-3502

## FEATURES

- 3½ digit, high contrast LCD, with a maximum display of 1999
- Automatic polarity indication, zero adjustment
- Low battery (BAT) indication
- Over range indication: highest digit of (1) or (-1)
- EN 61010-1 CAT III 600V, EN 61326-1

## ANALOGUE DISPLAY

- Large 90° wide and 84mm long mirror scale. (adapted to digital, analogue maximum indication 2400)
- Shock and vibration resistant TAUT BAND movement
- Pointer can be selected to either left-hand zero (normal mode) or center zero (galvo-mode)
- In galvo-mode pointer deflects right to indicate positive polarity and left to indicate negative polarity
- Automatic center zero and ohm zero
- Dimensions: 175(L) × 109(W) × 44(D)mm

## SPECIFICATIONS

## DC Voltage

Range	Analogue Maximum	Resolution Digital	Accuracy		Protection
			Digital	Analogue	
200mV	240mV	100μV			DC500V
2V	2.4V	1mV			AC350V
20V	24V	10mV	±(1%rdg+1dgt)	±3%F.S.	DC1200V
200V	240V	100mV			AC800V
600V	600V	1V			

• Input impedance: 10MΩ

## AC Voltage

Range	Analogue Maximum	Resolution Digital	Accuracy		Protection
			Digital	Analogue	
200mV	240mV	100μV			DC500V
2V	2.4V	1mV			AC350V
20V	24V	10mV	±(1%rdg+5dgt)	±3%F.S.	DC1200V
200V	240V	100mV			AC800V
600V	600V	1V	±(1.5%rdg+5dgt)		

• Input impedance: 10MΩ

## DC Current

Range	Analogue Maximum	Resolution Digital	Accuracy		Protection
			Digital	Analogue	
200uA	240uA	100nA			
2mA	2.4mA	1μA			
20mA	24mA	10μA	±(1%rdg+5dgt)	±3%F.S.	800mA
200mA	240mA	100μA			
10A	10A	10mA	±(2%rdg+3dgt)		10A

## AC Current

Range	Analogue Maximum	Resolution Digital	Accuracy		Protection
			Digital	Analogue	
200uA	240uA	100nA			
2mA	2.4mA	1μA			
20mA	24mA	10μA	±(1%rdg+5dgt)	±3%F.S.	800mA
200mA	240mA	100μA			
10A	10A	10mA	±(2%rdg+3dgt)		10A

## Resistance

Range	Analogue Maximum	Resolution Digital	Accuracy		Protection
			Digital	Analogue	
200Ω	5kΩ	100mΩ		±4%arc	
2kΩ	50kΩ	1Ω		-10Ω	
20kΩ	500kΩ	10Ω	±(1%rdg+5dgt)		50V DC
200kΩ	5MΩ	100Ω			
2000kΩ	50MΩ	1kΩ		±4%arc	
20MΩ	500MΩ	10kΩ	±(1.5%rdg+5dgt)		

## Capacitance

Range	Analogue Maximum	Resolution Digital	Accuracy		Test Voltage
			Digital	Analogue	
2000pF	2400pF	1pF			
20nF	24nF	10pF			
200nF	240nF	100pF	±(3%rdg+10dgt)	±5%F.S.	50mV
2uF	2.4nF	1nF			400Hz
20uF	24uF	10nF			

## Instant Continuity

Range	Analogue Maximum	Resolution Digital	Continuity Indication	Open Voltage
200Ω	5kΩ	100mΩ	Built Buzzer sounds when Resistance is less than 40Ω	3.2V MAX

## Frequency

Range	Analogue Maximum	Resolution Digital	Accuracy		Test Voltage
			Digital	Analogue	
2000Hz	2400Hz	1Hz	±(2%rdg+3dgt)	±3%F.S.	350Vrms

## Diode Test

Test Current 3.0 ± 0.6mA  
Test Voltage 3.2V Max.

## hFE Test

Base DC Current 10μA  
Vce 2.8 ± 0.4V  
hFE 1000

## Packing Information

QTY/CTN	N.W	G.W	GUFF
15PCS	12.5	13.5	2.57