TES-1330A/1332A/1334A

TES 1334

Features

- Spectral sensitivity close to CIE photopic curve
- Cosine angular corrected
- Analog output jack for recording (1332A/1334A)
- Data hold function, peak hold function (1334A)
- 8000 data memory (1336A)
- RS 232 interface (software include) (1336A)

Technical Specifications

Range : (± 3% rdg ± 0.5% f.s)
20/200/2000/20000 Lux for TES-1330A
200/2000/20000/200000 Lux for TES-1332A
20/200/2000/20000 Lux/Footcandle for 1334A / 1336A
20000 lux-reading x 10;
200000 lux-reading x 100

Ref. No	Model
TS08 B001	TES 1330A
TS08 B002	TES 1332A
TS08 B003	TES 1334A

TES-1335/1336A/1337

TES 1335

TES 1336

TES 1337

Features

- Spectral sensitivity close to CIE photopic curve
- Cosine angular corrected
- Relative function
- Auto-Power off function
- Accurate and instant response
- Peak hold function (TES 1335)
- Data hold, MAX/MIN function

Technical Specifications

Range (TES 1335) : 40, 400, 4000, 40000, 400000 Lux
40, 400, 4000, 40000 fc

Range (TES 1337) : 20, 200, 2000, 20000 Lux
20, 200, 2000, 20000 fc

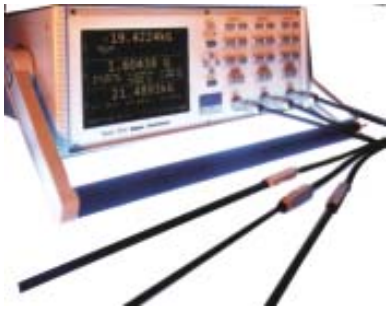
Accuracy : ± 3% rdg ± 0.5% f.s.
± 4% rdg ± 10 dgt as > 10,000 lux/fc

Resolution : 0.01 Lux
CIE V λ function f' 1 ≤ 6%

Ref. No	Model
TS08 B004	TES 1335
TS08 B005	TES 1336A
TS08 B006	TES 1337

Gauss / Tesla Meter (Bench)

7030



Ref. No : SY09 B001
Model : 7030

Ref. No : SY09 B002
Model : 7010

Advanced three channel 7030
Single channel 7010 of high accuracy and built to meet most magnetic measuring application.

Features

- Display in Gauss, Tesla, Amp/meter or Oe
- Peak/Valley capture
- Relative mode
- Fully menu driven
- Auto zero
- Auto calibration
- IEEE-488 & RS 232 interface

Technical Specifications

Range : 300mG (30µT), 3G (300µT), 30G (3mT), 300G (30mT), 3kG (300mT), 30kG (3T), 300kG (30T)
Resolution : 1µG
Accuracy : DC basic 0.05% rdg
AC basic 2% rdg
Frequency range: DC to 50 kHz

6010

Features

- Display in Gauss, Tesla, Amp/meter
- Peak, Max/Min hold
- Relative mode
- Auto zero
- Auto calibration
- RS 232 interface

Technical Specifications

Range : 3G (300µT), 30G(3mT), 300G(30mT), 3kG (300mT), 30kG (3T), 300kG (30T)
Resolution : 1mG
Accuracy : DC basic 0.25% rdg
AC basic 1% rdg 20Hz – 1kHz
5% rdg 1kHz – 20kHz
Frequency range : DC to 20kHz

Ref. No : SY09 B003
Model : 6010

Gauss / Tesla Meter (Portable)

5060/5070/5080

Portable Gauss meter is suitable for aircraft, CRT set-up, pipe or vessel welding, disc drive, magnet, MPI, identifying magnetic interference, locomotive etc.

Features

- Auto zero (5060/5070/5080),
- Min/Max hold (5070/5080),
- True RMS (5070/5080),
- Auto range (5070/5080),
- True peak hold (5080),
- Relative mode (5080)
- Analog output (5080),
- RS 232 interface (5080),

Technical Specifications

Ref. No Model	SY09 B004 5060	SY09 B005 5070	SY09 B006 5080
Basic accuracy	4%	2%	1%
Frequency bandwidth	dc	dc – 10kHz	dc – 20kHz
Sampling rate	10/sec	10/sec	10/sec
Range	2kG/20kG	200G/2kG/20kG	300G/3kG/30kG
Resolution	1.0/10G	0.1/1.0/10G	0.1/1.0/10G
Reading	G/T	G/T /(A/m)	G/T /(A/m)

MAGNETISM / CURRENT SENSOR

Gauss Meter

5170/5180

Features

-Data logging capability
- Auto Zero
- Min/Max/Peak Hold
- Auto Range
- Relative Mode
- Universal Serial Bus Interface (5180)

Technical Specifications

Ref. No Model	SY09 B007 5170	SY09 B008 5180
Basic Accuracy	2%	1%
Frequency Bandwidth	DC-20 kHz	DC-40 kHz
Sampling Rate	5/sec	5/sec
Ranges	20kg/2kg/200g	30kg/3kg/300g
Resolution	10G/1.0G/0.1G	10G/1.0G/0.1G
Readings	Gauss Tesla Amps/Meter	

EMF Meter

4070/4080/4090

4070 4090 4080

4000 series measures Extremely Low Frequency ELF magnetic field generated by electrical equipment, Electromagnetic field (EMF). Applications include detecting magnetic field emissions from VDTs, AC power lines, office equipment, household appliances etc.

Technical Specifications

Ref. No Model	SY09 C001 4070	SY09 C002 4080	SY09 C003 4090
# of axes	One	Two	Three
Auto range	No	Yes	Yes
Resolution	0.1mG	0.1mG	0.1mG
Range	0.1 – 199mG	0.1 – 511mG	0.1 – 1999mG
Accuracy	± 1%	± 2%	± 1%
Frequency (-3dB)	30-600Hz	25-1000Hz	30-600Hz

TES 1390/1391/1392 EMF Tester

TES 1390 TES 1391 TES 1392

Features

- Data hold, Peak hold function
- On-line computer (TES 1391/1392) 16,000 data memory (TES 1392) function

Technical Specifications

Range : 200/2000 milli Gauss, 20/200 micro Tesla
Resolution : 0.1/1 milli Gauss, 0.01/0.1 micro Tesla
Number of Axis : Single axis
Band width : 30Hz to 300 Hz
Accuracy : ±(3%+3d) at 50Hz/60Hz

Ref. No	Model
TS09 C004	TES 1390
TS09 C005	TES 1391
TS09 C006	TES 1392

TES 1393/1394 EMF Tester

Ref. No : TS09 C007
Model : TES 1393

Ref. No : TS09 C008
Model : TES 1394

Features

- Triple LCD showing X.Y.Z. axis each EMF reading
- Average reading X+Y+Z / 3
- Max/Min/AVG Reading
- Data hold, Peak hold function
- RS-232 Optical interface (TES 1394)
- 999 Data logging capacity

Technical Specifications

Range : 20/200/2000 milli Gauss, 2/20/200 micro Tesla
Resolution : 0.01/0.1/1 milli Gauss, 0.001/0.01/0.1 micro Tesla
Number of Axis : Three axis
Band width : 30 Hz to 2000 Hz
Accuracy : ±(3%+3d) at 50Hz or 60Hz

Current Sensors

NT Series

The NT series is a current sensor that accurately senses DC and DC currents and provides electrical isolation between the circuit being measured and output of the sensor.
Suitable for *Contactors *DC servo & robot devices *Detection of power failures *Electric vehicles *General purpose current sensor technology *Low voltage circuits & power measurements *Soft starters *Elevators *Replacement of thermal overload fuses *Computer/workstation *Power supplies *Shunt replacement *Locomotives *Military vehicles

Ref. No : SY09 DD01
Model : NT Series

HS100

HS 100 is of thin design and available in bulk and tape & reel formats.
Suitable for *Brushless DC meters (BLDC), contact-less switches *Compasses * Magnetizers *Gaussmeters *Current *Voltage *Power *Frequency *Position *Tilt/level * Tachometer *Pressure *Thickness sensors

Ref. No : SY09 DD02
Model : HS100

Open Loop

An open loop current sensor consists of a Hall sensor mounted in an air gap of a magnetic core. The current carrying conductor placed through the aperture of the sensor produces a magnetic field that is proportionate to the current. The field is concentrated by the core and measured by the hall sensor. It measures both DC & AC current, provides electrical isolation and has low operating power requirements.

Ref. No : SY09 DD03
Model : Open Loop

Closed Loop

A closed loop current sensor consists of structure similar to open loop's with additional coil and amplifier. The output is scaled by selecting the resistor value. They offer fast response, high linearity and low temperature drift as well as relatively immune to electrical noise. They are the sensor of choice when high accuracy is essential.

Ref. No : SY09 DD04
Model : Closed Loop

AC Current Sensors

Features

- UL listed
- Loop powered
- Range selected on sensor
- Only requires two wire connection
- Split core model is available for easy installation

Ref. No : SY09 DD05
Model : AC

Hall Sensors

A hall sensor is a four terminal solid state device that produces an output voltage (Vh) proportional to the product of the input current (Ic), the magnetic flux density (B) and the sine of the angle between B and the plane of the Hall sensor. With operating characteristic from DC to MHz, mG to KG, linearity from 0.1% temperature -269 to +175 °C, it is suitable for *Aircraft *Aerospace * Automotive *Instruments * Magnetic cores * Magnetic Circuits *Gaussmeter probes

Ref. No : SY09 DD06
Model : Hall