

# SS CONTROLS ENVIRONMENT MONITORING INSTRUMENTS

## ET-965 FIVE-IN-ONE SOUND, LIGHT, AIRFLOW, HUMIDITY & TEMP.

### ET-965 Five-In-One

This 5-in-1 multi-function environment meter is a cost-effective aid to conformance to health & safety in the work place. It measures sound levels, light levels, airflow, %RH and temperature. The 55mm LCD display has a backlight, large digits and function indicators.



### Features

- \*Auto ranges for sound with 'A' frequency weightings
- \*Cosine corrected silicon diode sensor for Lux levels
- \*70mm vane for airflow
- \*Semiconductor sensors in probe for humidity and temperature measurements
- \*°C or °F temperature measurements
- \*Data Hold, Max Hold and Max Memory functions
- \*Auto power off and low battery indication
- \*Standard 4mm camera bush for tripod mounting
- \*Supplied in a briefcase carry case with Lux probe, vane, probe, wind muffler and battery



## PRODUCT SPECIFICATIONS

SOUND-LEVEL, LIGHT INTENSITY, AIR VELOCITY, TEMPERATURE & HUMIDITY

Sound level	
Accuracy	+/- 2dB
Display	4digits
Resolution	0.1 dB
Frequency response	31.5Hz – 8kHz
	Auto: 35 dB-130 dB
Frequency weighting	dBA
Microphone	½ inch electret condenser microphone
Light	
Measuring range	0 Lux – 200K Lux, 0Fc – 20KFc
Spectral response	CIE photopic (CIE human eye response curve)
Spectral accuracy	CIE V (Lambda)function f2
Cosine response	F2' ≤ 2%
Accuracy	+/- 4% rdg +/-0.5% f.s (≤10,000Lux) ±5% rdg ±dpts (≥10,000Lux)
Photo detector	One silicon photo diode with filter
Air Velocity	
Air Velocity range	0.5m/s – 30.0m/s
Air Velocity Accuracy	+/- (3% +/- 0.3d)
Measurement units	m/s, km/h, ft/min, knots, Mph,
Temperature	
Measuring range	-40 to 70 Degrees Celsius (-40 to 158 Degrees Fahrenheit)
Accuracy	+/-2.0 Degrees Celsius, +/-3.6 Fahrenheit
Measurement units	Degrees Celsius/ Fahrenheit
Resolution	0.1
Humidity	
Measuring range	10 - 95%RH
Accuracy	+/- 5RH%
Resolution	0.1
Data Update	1 time/sec
Maximum Value	MAX
Minimum Value	MIN
Data Hold	HOLD
Auto power off	Automatically power off after approx... 15 minutes inactivity
Power supply	One 9Vbattery with type of 006p or NEDA 1604 or IEC 6F22
Battery life	At least 30 hours
Operating conditions	-20 Degrees Celsius -60 Degrees Celsius -10%RH-90%RH
Storage conditions	-40 Degrees Celsius-60 Degrees Celsius; 10%RH-75%RH
Dimension (L*W*H)	252(L)*66(W)*33(H)mm
Weight	568g

## CONTACT US!

 Plot 17973 Hamtsukunu Rd, Gaborone West Industrial

 SS Controls Botswana

 [sscontrols\\_bw](https://twitter.com/sscontrols_bw)

 [info@sscontrols.co.bw](mailto:info@sscontrols.co.bw)

 +267 311 1937/ 7370 3030



**SS CONTROLS**  
**BOTSWANA**  
The Safety Of Things