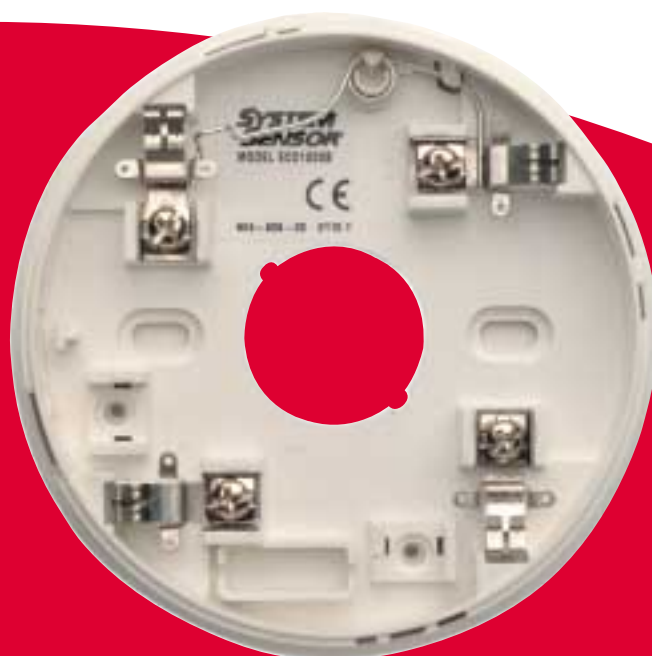


# ECO1000

Smoke and Thermal Detectors



## FEATURES

Photo-thermal model

Laser-based remote test unit

EN 54 Certified (2000 edition)

Photoelectric, photo-thermal and thermal detectors

Improved chamber design

Compatible with fire and security systems

-20 to +60°C operating temperature range

Choice of bases (including a 12V relay version)

Photoelectric model with integral piezoelectric sounder  
(availability subject to further announcement)



# ECO1000

Smoke and Thermal Detectors

## SPECIFICATIONS

<b>Dimensions:</b>	42mm (optical) or 50mm (thermal) ø 102mm	
<b>Operating Voltage:</b>	8 – 30VDC (nominal 12 or 24VDC)	
<b>ECO Bases:</b>	ECO1000B	Standard base
	ECO1000BSD	Standard base with Schottky diode
<b>Accessories</b>	ECO1000RTU	Remote test unit
<b>Part Numbers:</b>	Optical + base	ECO 1003 + Base
	Optical	ECO 1003
	Optical thermal + base	ECO 1002 + Base
	Optical thermal	ECO 1002
	Standard base	ECO 1000B
	Diode base	ECO 1000BSD
	Thermal + base	ECO 1005 + Base
	Thermal	ECO 1005

### ECO1002 COMBINED PHOTO THERMAL

<b>Typical Standby Current:</b>	240µA
<b>Maximum Alarm Current:</b>	50mA (limited by control panel)
<b>Maximum Humidity:</b>	95% RH
<b>Operating Temperature:</b>	-20 to +60°C
<b>Weight:</b>	75g
<b>Approvals:</b>	Meets EN54-7:2000; EN54-5:2000 Class A1R; CEA4021

### ECO1003 PHOTO-ELECTRIC DETECTOR

<b>Typical Standby Current:</b>	110µA
<b>Maximum Alarm Current:</b>	50mA (limited by control panel)
<b>Maximum Humidity:</b>	95% RH
<b>Operating Temperature:</b>	-20 to +60°C
<b>Weight:</b>	75g
<b>Approvals:</b>	Meets EN54-7:2000

### ECO1005 RATE OF RISE THERMAL DETECTOR

<b>Typical Standby Current:</b>	125µA
<b>Maximum Alarm Current:</b>	50mA (limited by control panel)
<b>Maximum Humidity:</b>	95% RH
<b>Operating Temperature:</b>	-20 to +60°C
<b>Weight:</b>	70g
<b>Approvals:</b>	Meets EN54-5:2000 Class A1R

## ORDERING