

# » SR - 2

## SR - 2 High Temperature Cavity Blackbody

Distribution in the UK & Ireland



[www.lambdaphoto.co.uk](http://www.lambdaphoto.co.uk)



The SR-2 is a highly reliable and durable cavity blackbody. The SR-2 uses a compact and lightweight controller. The SR-2 is operated using the controller's front panel. The calibration of the SR-2 is performed using the CK-20 calibration kit.

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## » FEATURES

- ▶ High emissivity
- ▶ High temperature accuracy
- ▶ NIST traceable
- ▶ Manual Aperture wheel with 8 standard apertures
- ▶ Compact and lightweight
- ▶ Long term temperature stability

## » OPTIONS

- ▶ Manual filter wheel (MF)
- ▶ Customized aperture wheel

## » SPECIFICATIONS

Model No.	SR-2-32	SR-2-33
Aperture	1"	1"
Temperature range	100-1000°C	100-1200°C
Temperature accuracy	<1000°C; ±2.5	>1000°C; ±3
Temperature stability	Short term stability (<1 hour) : ±0.25°C Long term stability (>1 hour): ±0.4°C	
Emissivity	0.99±0.01	
Power consumption	1500W max	
Aperture wheel	0.8, 1.6, 3.2, 6.4, 9.5, 12.7, 15.9, 22.2 mm Aperture diameter	
Set point resolution	1°C (0.1°C optional)	
Computer control	RS-232	
Power supply	230/115 VAC, 50/60 Hz	
Weight	Head: 7Kg, Controller: 3Kg	
Dimensions	Head: 195x329x214mm, Controller: 92x92x280mm	
Operating ambient temp	0° to 50°	

Specifications are subject to change without prior notice