

SR-2

High Temperature Cavity Blackbody



The **SR-2** is a highly reliable and durable cavity blackbody. The **SR-2** uses a compact and lightweight controller for applications where computer communication with the blackbody is not required. 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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High Temperature Cavity Blackbody

F E A T U R E S

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

O P T I O N S

- ▶ Manual aperture wheel (RAD)
- ▶ Customized aperture wheel

S P E C I F I C A T I O N S

	SR-2-32	SR-2-33
Aperture	1"	1"
Temperature range	100-1000°C	100-1200 °C
Temperature accuracy	±2.5°C	±3 °C
Temperature stability	Short term:±0.1 °C,long term:±0.25 °C	
Cavity uniformity	±4 °C @800 °C	
Emissivity	0.99 ±0.01	
Power consumption	1000W max	
Aperture wheel	0.8,1.6,3.2,6.4,9.5,12.7,15.9,22.2 mm dia. apertures	
Set point resolution	1 °C	
Computer control	Non	
Power supply	230/115 VAC,50/60 Hz	
Weight	Head:3Kg, Controller:3.5Kg	
Dimensions	Head:195x329x214mm,Controller:92 x 92 x 280 mm	
Operating temperature	Head:-20 ° to 60 °,Controller:0 ° to 50 °	



POLYTEC GmbH

Büro Berlin Schwarzschildstraße 1 D - 12489 Berlin GERMANY
 Tel: +49 (30) 63 92 51 40 Fax: +49 (30) 63 92 51 41

wl@polytec.de
 www.polytec.de