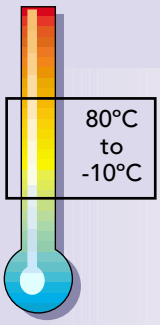
Hyperion R

Model 982



The Hyperion R Calibration Bath comprises a blackbody cavity for calibration of radiation pyrometers. An important factor is that its operation range includes ambient temperature.

The temperature of the furnace is set on a controller, whilst an independent indicator, whose sensor fits into the cavity, indicates the actual radiance temperature. The sensor can be removed for external calibration or the complete system can be calibrated.

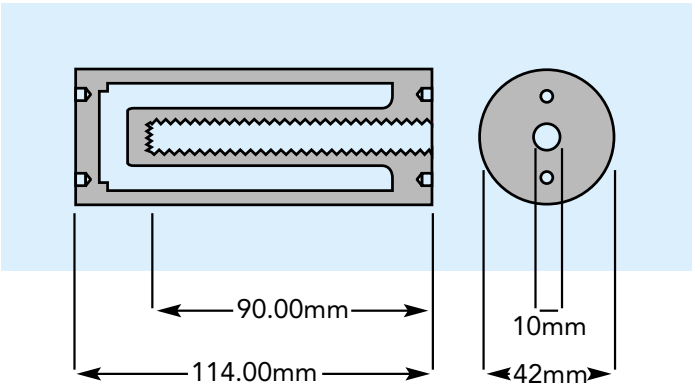
The temperature of the cavity can be set to within 0.1°C at any point from -10°C to +80°C.

This elegant, modern-styled range has been designed to work from a series of Peltier modules, which can be used either to heat or to cool a metal block. In conjunction with a specially programmed microprocessor-based controller it offers a unique concept in calibration sources.

With this bath, a temperature above, below or at ambient temperature can be set and will be maintained whether the source needs to be cooled or heated.

Traceability may be established with a UKAS certificate for the in-built indicator and supplied probe (935-14-13).

964-01-02 Gallium Fixed Point Cell



Model No.	982
Temperature range	-10°C to 80.0°C
Emissivity	Greater than 0.995
Stability	±0.1°C
Display Resolution	0.01°C
Cavity size	50mm diameter 150mm deep
Time to temperature	45 minutes -10°C 40 minutes 80°C
Power	200 Watts typical 100-130 or 208-240 VAC
Dimensions	Height 310mm Width 265mm Depth 200mm
Weight	10kg

Low Temperature Radiation Pyrometer Primary Source
50mm Cavity Diameter
0.995 Emissivity, Compact

Options

935-14-13	Probe
931-22-27	Carrying Case
812-01-06	Set of 4 orifice plates to restrict cavity aperture diameter to 40mm, 30mm, 20mm or 10mm.

Now includes PC Interface and Windows software as standard

How to Order

Model 982 Hyperion R
Please state supply voltage required
Please state if UKAS calibration, or NPL calibration is required