

Isothermal Technology / Evaluation Report / Oceanus Model 580

Isothermal Technology

ISOTECH

Model 580: Oceanus 6

Evaluation Report

The Oceanus-6^{PLUS} has all the advantages of the Isocal-6 models but with a substantially larger calibration volume, 52mm diameter by 300mm deep. The Oceanus-6 can be used as a Dry Block, a Liquid Bath, a Blackbody Source for infra red thermometers, a Surface Sensor Calibrator and for performance to a few mK (0.001°C) ITS-90 Fixed Points. The Oceanus-6^{PLUS} is available in two models, the BASIC (B) and the SITE (S). The B model includes a sophisticated temperature controller with a dual display for Set Temperature and Dry Block Temperature

This evaluation report describes the performance of this bath, the intent is to provide a guide to the performance that can be expected in the calibration laboratory. When comparing uncertainties

