

ITS-90 Fixed Points and Apparatus

<http://www.isotech.co.uk>



Isotech manufactures a complete range of ITS-90 fixed point cells in two ranges, Optimal Cells with the smallest of uncertainties for the Primary Laboratory and slightly smaller Slim Cells for ITS-90 Fixed Point Calibration at a budget within the reach of all laboratories.

Isotech is the only supplier to offer multi-function apparatus (our Isocal-6 System) that can serve as a liquid bath or dry block when it is not being used to create your fixed points.

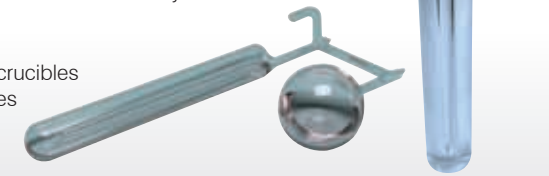
As a demonstration of our commitment to excellence, Isotech recently received a new accreditation of our own laboratory which gives us lower uncertainties at Hg, Wtp and Ga that are second world-wide only to NIST!

Jarrett-Isotech Water Cells

- Available in 4 different sizes
- Reference cells with isotopic analysis
- Uncertainties as low as 0.07mK
- Slim cells for industrial applications

Other ITS-90 Fixed Points

- Available in quartz and metal crucibles
- Available in large and slim sizes
- All ITS-90 fixed points
- Automated systems



Innovation from Isotech

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Isotech has always been the innovation leader in temperature metrology, from the award winning Isocal-6, Metal Clad Optimal Cells, the microK Precision Thermometer, the worlds first -100°C Dry Block and the innovative ITS-90 Isothermal Towers.

The ISOTower is a new integrated device combining a furnace, heat siphon and ITS-90 Fixed Point cell. As well as the novel combination of cell and heat pipe a new immersion compensator is used to fully compensate for the immersion characteristics of the thermometer under test. The benefits include:

- Outstanding Performance, from 0.7mK
- Robust - No Glass Parts
- Simple to use with increased confidence in results
- Easily Transported



Both catalogues are also available to download at www.isotech.co.uk/manual.html

ISOTECH

...a world leader in temperature metrology. With over 30 years of experience in the design, manufacture and practical use of precision temperature calibration standards, Isotech is an experienced supplier for national labs and field calibration technicians worldwide.

COMPACT
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