



2000°C FURNACES

SPECIFICATIONS SHEET



CERTIFIED:
ISO 9001:2015



**NUCLEAR QUALITY
ASSURANCE**
ASME NQA-1:2008

PRODUCT OVERVIEW

Deltech ultra high temperature furnaces are capable of operation at 2000 degrees Celsius in air. This distinguishes these furnaces from those that require vacuum operation. Our high quality, efficient design is also very economical when compared to vacuum furnaces. When you can't accomplish your R&D goals without sustained operation at 2000 degrees Celsius, consider these specialty furnaces.

- Designed for operation in air.
- Refined control system featuring a dual loop programmer allows precise control of the zirconia heating elements located inside the hot zone while a separate loop controls the Kanthal Super 1900°C “preheater” elements.
- Optical pyrometer for accurate hot zone temperature monitoring.
- Cast zirconia hot face lining.
- Bottom load design features a workspace 5” in diameter and 6” high.



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TECHNICAL DATA SPECIFICATION

Model	Workspace Size	Furnace Dimensions	Power Requirements	Weight
DT-36-BL	5" (127mm) diameter 6" (152mm) high	41.5" x 36" x 58" 105cm x 92cm x 147cm	240V / 100A	634 LB / 288 KG

Control Systems

Every Deltech control system is certified by Intertek to be UL508A compliant. Standard safety features include an emergency stop, door interlocks, safety relay, and isolation switches.

Nema One enclosures with a side hinged front door opening allows easy access to all components.

Eurotherm 3504 autotuning programmable temperature controller is our standard; other controllers are available upon request.

Optional, customized HMI systems (Human Machine Interface) allow remote access and control; data acquisition; and event logging.

Deltech Control Systems Include:

- Control Concepts power controllers.
- Maddox transformers
- Olsun transformers.



We are renowned for our custom work.

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CONTACT US!

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