TLD-3 ANNEALING OVEN

The TLD-3 Oven has been especially designed for TLD annealing.

Key Features:

- 400^0C maximum operating temperature.
- 3508P1 Programmable controller providing automatic activation of the cooling blower.
- Over temperature protection with digital set and display.
- Horizontal forced air circulation from rear mounted fan.
- Excellent performance and reliability.
- Door locks easily operated whilst wearing gloves.
- Stainless steel liner.
- Steel section construction.
- Stainless steel mesh shelves.

Accessories:

- TLD Annealing Trays — each tray takes 100 chips, pellets or rods. Trays are labeled A-J and 1-10
- TLD Vacuum Tweezers
- TLD—Chips/Rods etc — please contact the sales office for more information

Phoenix Dosimetry Ltd

www.phoenix-dosimetry.co.uk

Accessories include TLD Annealing trays which are made from stainless steel c/with lids

Specification

Interior Chamber Dimensions	150mm high x 150mm wide x 150mm deep
Approximate External Dimensions	530mm high x 370mm wide x 500mm deep Net weight—26kgs
Normal Working Temperature Range	50^0C to 400^0C
Maximum Operating Temperature	400^0C
Temperature Stability	Better than ± 1^0C under steady state conditions
Temperature Accuracy	Better than ± 1^0C under steady state conditions
Temperature Uniformity	Better than ± 5^0C
Temperature Sensor	Type "K" Mineral insulated Thermocouples
Temperature Control	Thyristor based solid state relay working in the fast cycle zero voltage switching mode
Optional Over temperature Protection	Eurotherm 2132 digital on/off controller and separate safety contactor
Air Circulation	Forced air circulation by rear mounted fan and air guide system
Assisted Cooling	Rear mounted air inlet blower
Location of Controls	All controls mounted below the chamber within the main case
Interior Chamber Materials	Grade 430 dull polished ferritic stainless steel
Exterior Materials and Finish	Zinc coated mild steel sheet finished with grey stoved epoxy powder paint
Thermal Insulation	High quality ceramic fibre and mineral wool blanket