

Dynisco PolyClean 6L Fluidized Temperature Bath



Description

Unlike other Fluidized baths, the Dynisco PolyClean 6L Fluidized bath has a smaller footprint, include advanced features and are safer than salt baths with thermal response that is 2 to 3 times faster than ovens.

Unique bath cover and lid design that minimizes media loss. Media is either blocked by the lid or collected on the cover flange which then drops back into the system. The included lid with handle is lowered into the Fluidized Bath for cleaning parts, heattreating or calibrating temperature sensors as shown.

An eyelet is added to the lid for suspending an optional basket for parts cleaning or deviceheat treatment.

The optional probe support will suspend temperature sensors and thermometers into the Fluidized Bath for calibration. The probe holder immersion depth can be adjusted for added flexibility. Drill holes into the lid for the diameters you require.

Features

- Fully automate fluidizing air control
- Compact working volume
- Cover and lid design that minimize media loss
- Independent over-temperature limit protection
- Fast heat up
- Small footprint for placement on standard lab benches
- RS485 interface for PC connection & downloadable Windows software
- Excellent stability, uniformity & accuracy

Performance Characteristics	
Temperature Range	50 to 605°C
Working Volume	5.3" dia x 6" depth (134mm x 152mm)
Typical Stability thru Operating Range	±0.3°C
Calibrated Accuracy	±2.0°C
Heat up time to 600°C from ambient	70 minutes
Cool down time: 600°C to 200°C	130 minutes
Heater Power: 1 phase, 50/60 hz	1920 watts
Air Pressure & Max Flow Required	30 PSI, 1.8 CFM (2.1 bar, 50 lpm)
Overall Footprint H x W x D	15"x17"x13" (381mm x 432mm x 330mm)
Total Unit Weight with Aluminum Oxide	45 lbs (20kg) (unit only 32 lbs, 14.5kgs)

CE EAC

 **Dynisco**



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