

Cylinder Bakeout

Spec Sheet

Designed to prepare cylinders for specialty gas service by drying the internal cylinder walls. Cylinders are prepared by insertion into the Bake-out enclosure that externally heats the cylinders. Simultaneously the cylinders are under a high vacuum to remove entrapped moisture.

A Cold Trap, filled with liquid nitrogen traps moisture before it can enter the vacuum pump. Likewise the Trap also eliminates any possibility of lubrication molecules from back-flowing to the cylinders. An optional purge cycle is available.



Features

12, 16 and 21 Cylinder Capacity:

- All aluminum, double-wall insulated enclosure with convective heating system, thermostatic control and over-temperature safety switch
- PLC controlled cycle operation High Vacuum Meter, micron range Stainless Steel Vacuum Header with purge valve, Vacuum Pump Isolation Valve, Vacuum Gauge (reference), Vacuum Probe (for high vacuum meter) and flexible hoses with CGA-580 connections.
- Hinged loading door with power-interrupt safety switch.
- Removable Lids
- Cold Trap (Optional) – Free-standing all stainless steel with removable LN2 sump.

