

Features

- 304 Stainless Steel Enclosure
- Small 2.6" Diameter
- Submersible
- Withstands temperatures up to 350°C for 4.5 hours continuously

Applications

- Extreme temperature monitoring
- Food Processing
- Oven Monitoring
 - Convention Oven
 - Curing Ovens
 - Baking Ovens
 - Batch Ovens
 - Conveyor or Continuous Oven
 - Walk-in / Truck-in Ovens
- Dry Heat Sterilization
- Autoclave Validation
- Furnace/Kiln Profiling
- Geothermal down-hole temperature recording
- Chemical Processing



The ThermoVault1000 is a stainless steel thermal barrier for use with the Temp1000P and the Temp1000FP. This durable enclosure can withstand temperatures up to 230°C when completely submerged and 350°C in dry heat applications (o-ring removed).

The device is easy to use, simply open the enclosure, insert a data logger, thread the probe through the end cap and latch it back onto the barrier body.



The ThermoVault1000 is built for use in applications that required extreme temperature monitoring, such as with furnace profiling, geothermal down-hole recording, and oven data logging.

THERMOVAULT1000 SPECIFICATIONS*

Operating Environment: -200°C to +350°C
(230°C with O-Ring),
0 to 100% RH

IP Rating: IP68

Insulation Type: Dewar flask and PTFE

Access Port Thread: 1/4" NPT Female

Enclosure Material: 304 Stainless Steel

Dimensions: 9.3" x 2.6" dia.
236mm x 66mm dia.

Weight: 3.2lb

Ambient Temperature	Time In Air To Max Internal Temp (Temp1000P Temp1000FP)	Time In Liquid To Max Internal Temp (Temp1000P Temp1000FP)
100 °C	600 min n/a	130 min n/a
150 °C	315 min n/a	120 min n/a
200 °C	240 min 540 min	75 min 130 min
250 °C	180 min 390 min	60 min 120 min

For extended ranges, please contact MadgeTech.

300 °C	165 min 300 min	n/a
350 °C	150 min 270 min	n/a

ORDERING INFORMATION

Model	Description	Price (U.S.)
THERMOVAULT1000	Thermal Barrier System for the Temp1000P or the Temp1000FP	\$1399.00

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFIC WARRANTY AND REMEDY LIMITATIONS APPLY. CALL 1-603-456-2011 OR GO TO WWW.MADGETECH.COM FOR DETAILS.