

Model 100 High Temp Air Flow Monitor

Wind Probe LLC is introducing a high temperature air flow monitor instrument for large and small size ovens. This instrument combines the latest advances in materials, process control, and microprocessor technology and hardware and software design. The model 100 is small light weight and suitable for harsh environments seen in high temperature curing ovens. The software permits selecting data rates and running averaging in both temperature and air flow. The software is easily updated and reference tables can be uploaded using the RS-232 communications interface. One of the most exciting markets includes air flow monitoring at 200 Degrees C in Carbon Composite Honeycomb ovens.

Wind Probe Corp

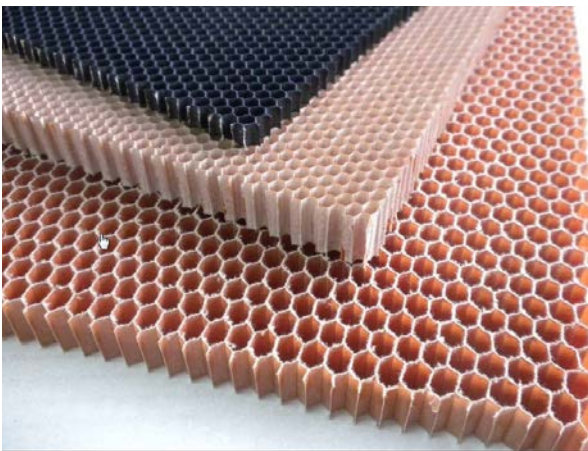


Applications

- Epoxy Curing Ovens
- Building Furnaces
- Manufacturing Process Control
- Conveyor Process control
- Engine Exhaust Manifolds
- Air Exhaust Systems

Features

- Measures Air Speed
- Solid State
- No Moving Parts
- Long Life
- Intrinsically Safe Certificate
- Traceable To National Standards



Honeycomb Material without the Resins

8 Standish Circle
Andover, MA 01810



Boeing 787 Dreamliner 50% Carbon Composites

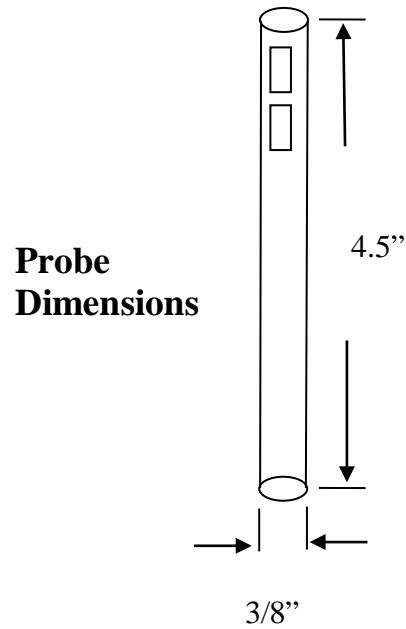
www.wind-probe.com
978-470-3309

Model 100 High Temp Air Flow Monitor

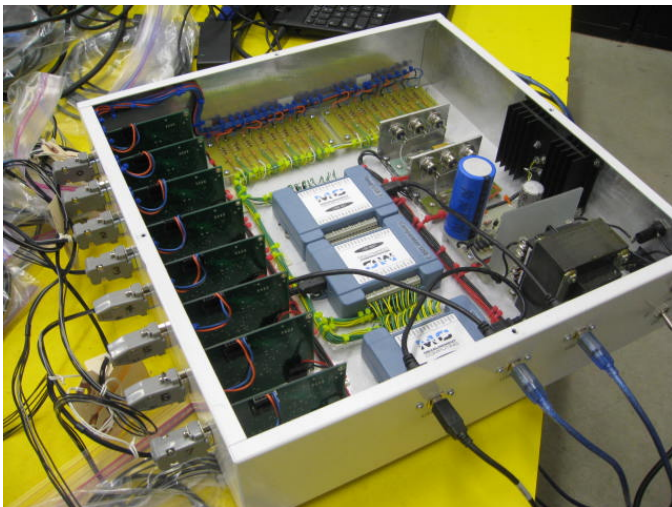
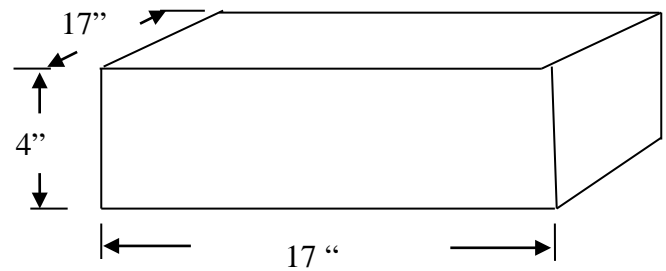
Typical Properties

Air Speed	
Range	0 to 5 mph
Accuracy	+/- 5 %
Resolution	.1 mph (8.8 ft./min.)
Measurement	
Units of measure	Mph, ft/min.
Communication	
Mode	RS-232
Baud Rate	9600
Environment Probe	
Oper. Temperature	-10 to +200 Deg.C
Storage Temp.	-40 to +200 Deg. C
Environment Chassis	
Oper. Temperature.	0 to 50 Deg. C
Standards	
FM Global	Certified
Power Requirements	
External Supply	115 VAC +/- 10 %
Max. Current	1.5 Amp
Mechanical Probe	
Nominal Dimensions	3/8 inches Dia. X 6.0 inches long
Mechanical Electronic	
Control Box	17" x 17" x 4"
Weight	12 lbs.
Mechanical Cable	
Length	8 to 16 feet

Preliminary Product Information

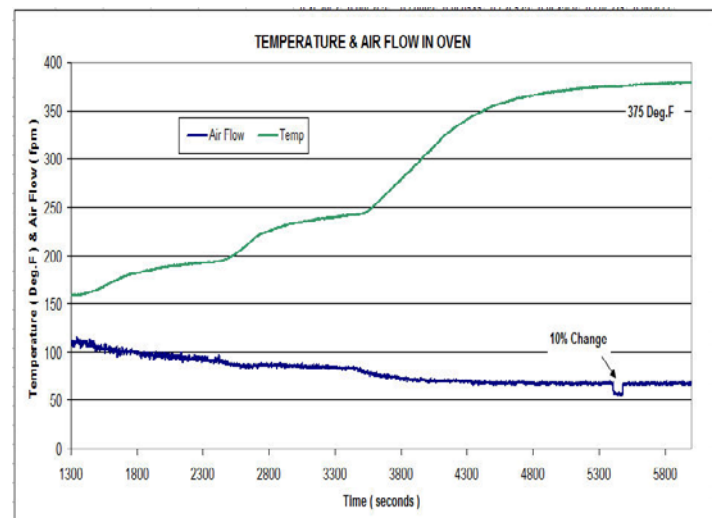


Electronics Box Dimensions



Model 100 Open Chassis View

8 Standish Circle
Andover, MA 01810



Oven Air Flow & Temp. In Oven Profile

www.wind-probe.com

978-470-3309