

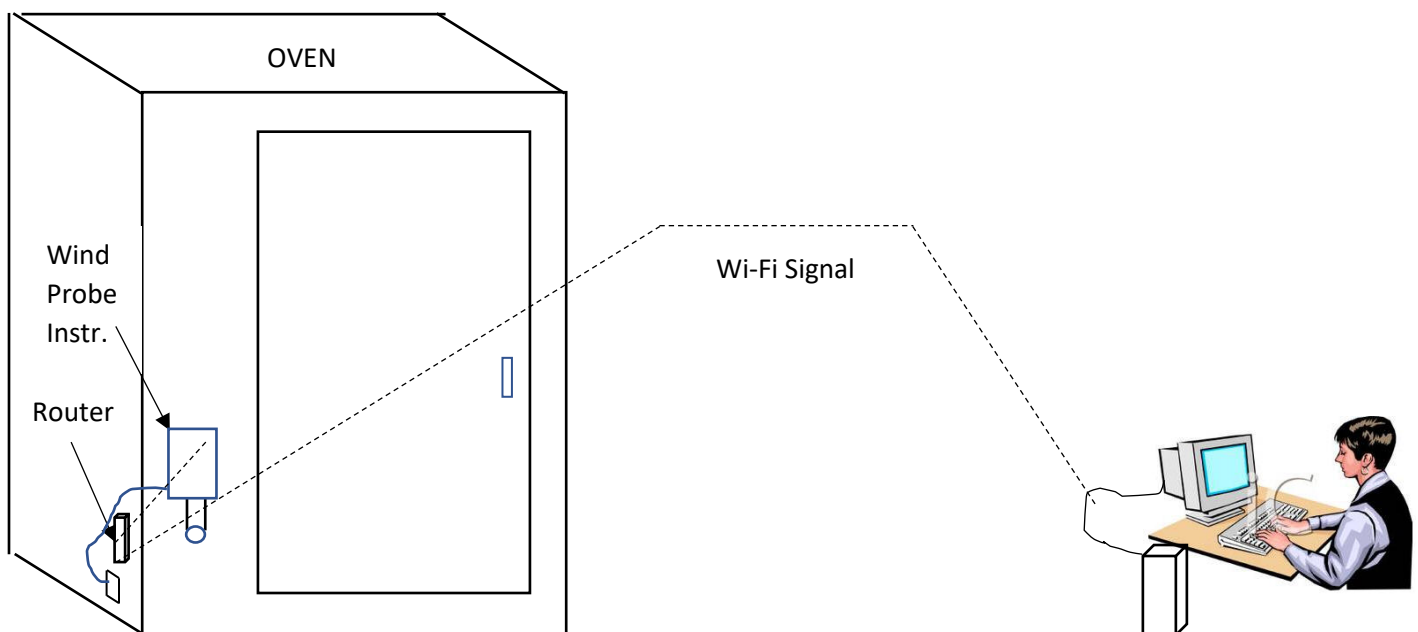
Wind-Probe Model 200 Wi-Fi High Temp air flow monitor

Wind-Probe LLC (Andover, MA, US) revealed April 7 that it had reached another milestone in the development of intrinsically safe high temperature air flow monitoring. The Model 200 is the first such instrument to operate in the harsh environments of curing resins in ovens. The instrument monitors airflow and temperature at various points in the curing oven to maximize curing effectiveness. Wind-Probe says it now has a commercial instrument using Wi-Fi communications to monitor remotely up to 8 sensors. The initial application was for curing honeycomb blocks dipped in resin at temperatures up to 375 degrees F.

Reportedly unique in terms of its air flow sensing capability, high temperature and intrinsically safe operation, the Model 200 is designed to monitor air flow from 0 to 500 Ft/min in curing ovens at temperatures up to 400 degrees F. Honeycomb composite manufacturing companies are well aware of the importance of accurate air flow control in their curing ovens for the developing of composite materials to the proper specifications. The Model 200 instrument can be an integral component for composite manufacturing.

The high temperature air flow monitor capability is expected to decrease the cost of manufacturing composite honeycomb materials by improving yield with the ability to control the air flow for the first time. "We are excited to provide the first ever high temperature intrinsically safe air flow monitor for composite resin oven applications," says Harvey Harrison, President of Wind-Probe LLC.

For more information about Wind-Probe and the Model 200, visit www.wind-probe.com



The system shown above assumes that one to eight probes are in the Wind Probe Instrument box. All of the eight probe's data is transmitted via the wireless communications link shown above. Each probe is assigned a unique address for keeping track of their individual data stream. Hence, one computer can monitor and control up to 8 probes in an oven unencumbered by the constraints of cabling by taking advantage of a Wi-Fi connection. The instrument uses operator friendly software all developed by Wind Probe LLC.