

Wind-Probe Model 200 first single probe High Temp air flow monitor

Wind-Probe LLC (Andover, MA, US) revealed February 1st that it had reached another milestone in the development of its single channel intrinsically safe high temperature air flow monitor, the Model 200, the first single probe instrument to operate in the harsh environment of carbon resin ovens to monitor the airflow at various points in the curing oven to maximize curing effectiveness. Wind-Probe says it has successfully demonstrated its production Model 200 in ovens at temperatures up to 375 degrees F. The Wind-Probe team has developed new simple to use software for this production Model 200 instrument.

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.

Wind-Probe plans to complete a new instrument architecture that permits the simple adding of additional probes in the very near future. 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