



DiAMon family

Industrial Applications Cases

— DiAMon Plus™ — DiAMon Flow™ — DiAMon Lite™ —



Autoclave & "Smart" RTM

Combined resin cure & flow monitoring capabilities, for a "smart" RTM & Autoclave process for production of aircraft primary composites structures.



Oven



Image: Courtesy of Airbus

Monitoring and controlling an oven cure process through a close loop control of the temperature, delivering critical process insight.

User Feedback

"The INASCO DiAMon Plus™ system is capable of monitoring the degree of cure of the composite within the curing environment, in real-time"
[Airbus, i-composites, 25-08-2010]

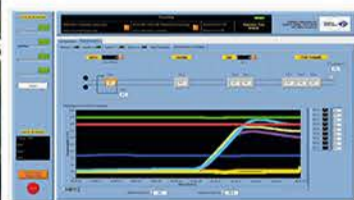


Neat Resin Cure monitoring

Pultrusion



A complete on-line quality monitoring & process control system for the continuous production of high-performance composite profiles



Oven, LCM

Advanced cure induced control, for the production of composites aerospace components, through combined monitoring of resin cure, resin flow, pressure and temperature

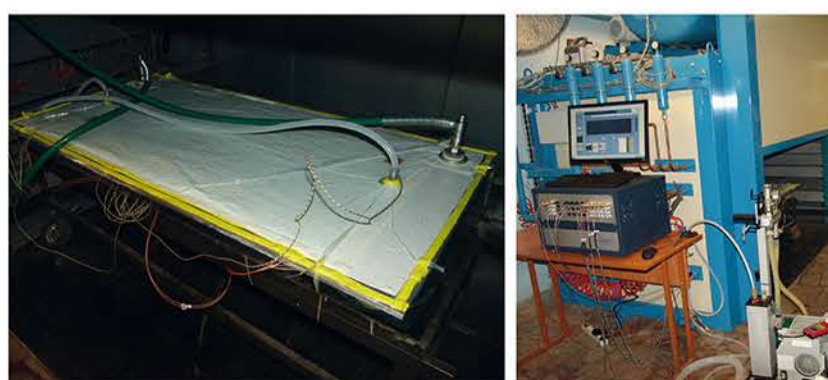


Image: Courtesy of Tupolev-Kazan Center of Composite Technology

We create for the future

INTEGRATED AEROSPACE SCIENCES CORPORATION