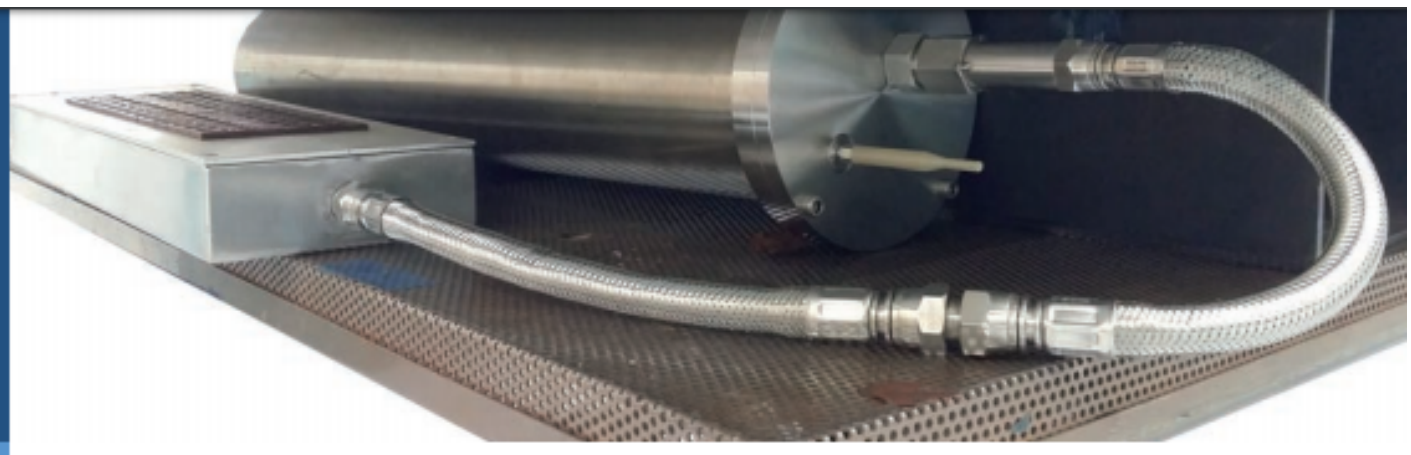
SC METROMAT SRL

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Data logger, VACQ Autoclave.



VACQ Composite

www.tmi-orion.com

TMI-ORION offers a large line of temperature, pressure and humidity data loggers designed to meet the specific requirements of the harshest environments found in the composite, aeronautic and automotive industries.

During the curing process, an accurate measurement of the temperature of the product and its surrounding environment is the key to manufacture high quality finished products.

TMI-ORION new **temperature** logger, the **VACQ COMPOSITE**, is designed for use fully inside autoclaves, so it can follow your products through your process.

Delivered with the **FullRadio® mode** and combined with the Qlever® software, the VACQ Composite transmits the measured data in real time. Temperature survey reports, based on recorded data, meet the requirements of standards such as AMS2750E.

This system offers great accuracy and is resistant to electrical noise.

Applications

- Composite curing
- Glass and windshield manufacturing
- Rubber vulcanization



Main specifications :

- 30 thermocouple channels, type J or T
- operating range: up to 482F (250°C)
  up to 218 PSI (15 Bar)
  duration to be defined based on the curing cycle specifications
- FullRadio wireless transmitting, programming, starting and reading mode
- uncertainty: < 0.5°C
- dimensions and materials: D.150mm x L.750mm, made of 316 Stainless steel
- memory capacity: 14 500 acquisitions /channel
- user replaceable battery

Installation/Operating steps :

The cure load is prepared outside of the autoclave chamber, the **VACQ COMPOSITE** is:

- placed on the trolley with the parts ready to be cured.
- connected to the thermocouples already installed on the product.
- started using RF signals, so the handling operations are reduced.

Benefits

- Much easier to use than traditional thermocouples connected to the wall because there is no need to disconnect a thermocouple from the wall of the autoclave during loading and unloading phases. Thermocouple extensions linking the wall of the autoclave and thermocouples on the parts are now superfluous.
- Handling operations are reduced.
- Handling time is minimized.

-> The process time is optimized.



NOTA: Aceasta fisa a fost realizata sub rezerva modificarilor ulterioare de ordin tehnic sau a erorilor de editare.

Fotografia are caracter informativ.

NOTE: Products and specifications are subject to change without prior notice .Pictures may differ from original.