

Compact SHM for Composite



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Services



EMEC Expertise provides services with quick and cost effective SHM solutions for composite with bespoke technology :

- Compact embedded sensors (e.g. strain gauge, thermocouple).
- compact low cost transceiver (e.g. dim: 50x58x21 mm; weight : 42 gr.)
- Stand alone operation for harsh environment and mobile application.
- Wireless communication with PC for remote operation.
- High number of sensors possible with simplified installation thanks to the wireless technology.
- Low power consumption.
- Energy harvesting solution for long term operation.



Benefits



Easy to integrate into composite structures.
Possibility to integrate a high number of sensors into a wireless network to monitor critical parameters in real field application.
Cost effective automated post processing on customer demand.



More information :

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