

TRIAX-CARE

TRI-AXIAL VIBRATION AND
TEMPERATURE MONITORING TOOL



- ▶ PLUG & PLAY MONITORING
- ▶ WIRELESS SOLUTION
- ▶ UP TO 2 YEARS BATTERY LIFE
- ▶ ATEX/IECEX CERTIFIED






TRIAX-CARE

Thanks to Triax-care, you can choose to synchronize measurements according to one or an other direction, or the three at the same time. Triax-care reduces the number of sensors needed for more accurate measurement.

TRIAX-CARE

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|------------------------|--------------------------------|--|
| PERFORMANCE | Number of axes | Tri-axial synchronized or not |
| | Amplitude range | ±25 to ±50 g peak |
| | Frequency response @± 3dB | 1 Hz to 10 kHz |
| | Temperature measurement range | ± 1°C |
| | Sampling frequency | 256 to 80 kHz |
| | Time waveform number of points | 512 to 32 000 points FFT resolution 800 to 16 000 lines |
| | Vibration limit / Shock limit | 5000 g peak |
| PHYSICAL | Size and weight | 65*65*59 mm.; 185g without sensors |
| | Case material | Polymer Components |
| | Mounting | M6 or magnet |
| | Sealing | IP67 |
| ELECTRICAL | Standard battery | Lithium Thionyl Chloride 3.6V 8.5 Ah |
| | Battery life | 2 years with 4 expert measurements set per day |
| OPERATING REQUIREMENTS | Humidity limits | 0-95% |
| | Solvent resistance | Common solvent resistant |
| | Hazardous environments |  EX ia IIC T3 Ga (-20°C ≤ Ta ≤ + 85°C) |
| WIRELESS RANGE | Point to point | 100 meters in open air |
| | Using range extender | 800 meters in open air |

Wi-care™ and its product range are developed and produced by I-care sprl



PASSIONATE ABOUT RELIABILITY,
COMMITTED TO YOUR PERFORMANCE!

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