

CFR21
Compliant

CLOUD BASED HIGH TEMPERATURE DATALOGGER WITH PROBE



LABORATORY/R&D



PHARMACEUTICAL



GREEN HOUSE



OVENS & INCUBATOR



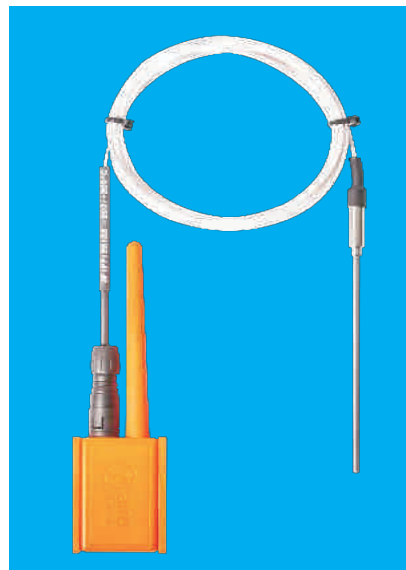
WARE HOUSING



COLD CHAIN

The SenseAnywhere AiroSensor XER Model 20-20-43 is like the popular AiroSensorTER Model 20-20-31 with additional IP67 class connector featuring the digital SenseAnywhere Bus(SAB). The SAB Bus is a hot pluggable interface which provides power and data communication to SAB compatible peripherals from SenseAnywhere. Due to the nature of this interface the peripherals can be tested and calibrated as an individual device providing a big advantage over analogue interfaces where the sensor and measuring device always need to be calibrated as a pair.

This smart probe featuring a digital SenseAnywhere Bus interface has been especially designed to used in ultra low temperature environments for monitoring cryogenic applications down to - 200°C. The Class A wire wound Ceramic Pt100 sensor ensures accurate measurement over a wide temp. range. Due to the digital interface this probe with its own serial number and integrated electronics can be calibrated. Calibrated SAB sensors can be easily hot swapped offering a big advantage and cost saving for recalibration of sensors.



Feature :

- 10 years Battery Lifetime
- 18,500 events logging capacity
- 1,000,000 Measurement
- SAB Bus

Technical Specifications :

Temp. Range (Housing)	-30 °C to ± 70°C
Logging capacity	18,500 events with date / timestamp
Accuracy Max.	±0.10 °C (0°C ~ 70 °C), ±0.18 °F (32 °F to 158 °F) ± 0.15 °C (-40 °C to 0°C) , ± 0.27 °F (40 °F to 32 °F)
Protection Class	IP67 Condition : mating connector placed
Compatibility	EN12830 Class1, Storage & transport, climatic environment Type : D CE, EN300328, En55022
Casing material	Device : PC -ABS
Battery Life	Up to 10 Years pr 1 million message
Temperature Probe	
Sensor Type	Wire wound ceramic Pt100 element
Sensor class	Class A, (0.15K+0.002 X [t])
Temperature Range	-200 ° C to + 200 °C
Cable	4-wire, 2mm PTFE cable, 2m long
Connector / interface	4-pin senseanywhere Bus (SAB) interface
Casing Material Connector	PA (UL 94V-0)
Diameter Connector	ø11.5mm / 0.45 in
Sheath	100mm x 3mm stainless steel
Seal pot	6mm X 30mm

Temperature
Accurate
Temp. Sensor



Motion
The Accelerometer
is used to detect
Motion or Shock



Location
Arrival & Departure
times are
automatically logged



Realtime
24 / 7 Data gives
you a complete
audit trail



Instant Alarms
Get Notified via
email or text when
units are exceeded



**Secure Data
Storage**
Access your data
anywhere and any time
via the cloud



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