

The Sensotek Chi® sensor range is used to wirelessly monitor your vibratory equipment, reporting key parameters to our cloud based Analytix® platform. These values can be trended over time and used to identify faults or inefficiencies with your equipment.



The Sensotek Chi sensor ANTB2001 has been developed to provide critical insights on an array of applications

**Key Applications:**

- Motors, Pumps, Fans
- Vibrating Screens
- Gearboxes, Conveyors

Product Highlights	
On Demand Data Sampling and Analysis	
Capture Time Series Data and Stroke Plots	
Connect up to 4 sensors (Stroke Analysis Only)	

Product Variant	
CH-T01-s-t	
Number of Sensors in Kit (s)	2 = Two Chi Sensors 4 = Four Chi Sensors
Tablet Option (t)	0 = Tablet Not Included 1 = Tablet Included

Mechanical	
Physical	
Dimensions	Shown on next page
Weight	Shown on next page
Lid Material – Lid	Acetal
Material –Base	Aluminium 6082-T6
Environmental	
Operating Temperature	-10 to 60°C (14 to 140°F)
Storage Temperature	-10 to 60°C (14 to 140°F)
Sealing	IP64
Shock	1000g

Power Supply	
Subheading Example	
Type	Rechargeable Lithium Polymer 3.7V
Chemistry	Lithium
Life	500 charge cycles
Sensor Usage Life	Approximately 10hrs of live data

Communication	
Data Transmission	
Transmission Rate	10-15s
Transmission Range	30m (site dependent)
Frequency	2.4GHz ISM Band

Measurements	
Temperature	
Temperature Range	-10 to 60°C (14 to 140°F)
Temperature Accuracy	±2°C
Vibration	
Axes	X, Y, Z
Vibration Velocity Frequency Range	2Hz to 2560Hz
Vibration Velocity Range	±5%
Vibration Velocity Range	0.1 to 500mm/s
Vibration Acceleration Range	Programmable ±2g to ±16g
Vibration Acceleration Range	0.1%

**Dimensions**

**Magnetic mounting option**

Dimensions	37.5mm x 48mm x Ø 16.5mm
Weight (with magnet)	100g

