

# HT series high temperature vibration sensors



## Key features

- Continuous operation at 150°C
- Maintains consistent BOV level over entire temperature range – not just room temperature
- Built with extended-range internal components rated at 200°C to ensure reliability
- MTBF of up to 25 years
- Backed by lifetime warranty
- Tighter sensitivity tolerance than Wilcoxon's older FireFet accelerometers

## Reliable performance

Wilcoxon's HT series accelerometers provide reliable vibration data for plant machinery in extreme high-temperature environments, operating up to 150°C (302°F). Their internal electronics are designed to ensure long-term stability, without the degradation of performance that can occur at high temperatures.

HT series sensors have a 100 mV/g sensitivity, are available with top exit (models HT780A and HT786A) or side exit (model HT787A) for flexible cable connectivity, and are built with a rugged housing to protect against ground loops and RFI. The compact HT780A is ideal for tight mounting locations.

## Specifications

	HT780A	HT786A	HT787A
<b>Sensitivity</b>	100 mV/g, ±5%		
<b>Acceleration range</b>	80 g		
<b>Connector orientation</b>	Top exit	Top exit	Side exit
<b>Frequency response, ±3 dB</b>	0.5 Hz to 14 kHz		0.7 Hz to 10 kHz
<b>Bias output voltage</b>	13 VDC (at 25°C) 12 VDC (at 150°C)		
<b>Connector</b>	2 pin, MIL-C-5015 style		
<b>Protections</b>	EMI/RFI, reverse wiring		
<b>Operating temperature range</b>	-50° to +150°C		
<b>Weight (grams)</b>	62	90	145

## High temperature applications

- Pulp and paper mills
- Dryer section of paper machines
- Plastic manufacturing
- Steel mills
- Food processing
- Power generation
- Oil and gas



View all HT series models at [buy.wilcoxon.com](http://buy.wilcoxon.com)