GH150

High Temperature AE Sensor

Version 1

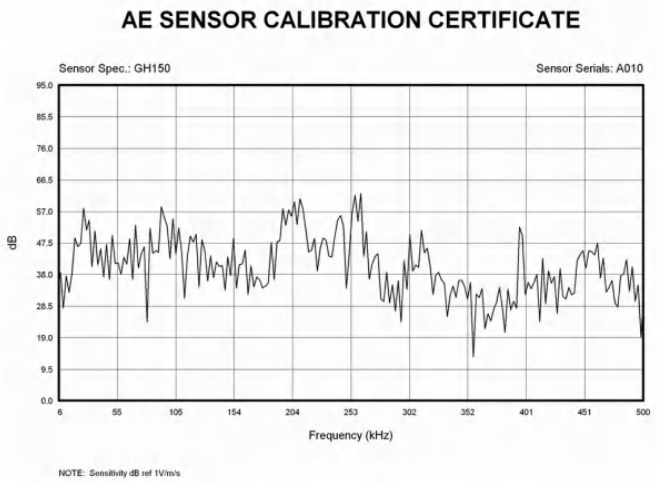
Version 2

Applications

GH150 is designed for acoustic emission monitoring in high-temperature industrial environments where ordinary AE sensors cannot be installed directly.

Standards

Calibration standard	ISO 24543:2022
	GB/T 45578-2025



Description and Features

The GH150 is a compact 150 kHz high temperature acoustic emission sensor designed for structural monitoring and NDT applications on hot metallic surfaces up to 600°C.

Technical Specs

Resonant Freq. Ref V/(m/s)	150kHz
Frequency Range	60kHz-400kHz
Sensitivity Peak Ref V/(m/s)	>40dB
Working Temp.	-20 to 600℃
Size (DxH)	19×19.5mm
Weight	125g(V1)/105g(V2)
Case Material	Stainless Invar Steel/copper
Face Material	Stainless Invar Steel/copper
Protecting Grade	IP62
Connector	BNC on integral cable
Connector Location	Side
Cable Length	2m
High-temperature Metal	1-1.2m(V1)
All flexible wire harness	1m(Version 2)

Accessories

Signal cable model	SYV-50-3/STYV-50-2
Hold-down	H20
Preamplifier	PAS/PAV

Certification

CE

International Organization for Standardization ISO 9001

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