



Description and Features

The W800/1 is a passive piezoelectric AE sensor with wideband and waterproof characteristic. It is specially designed to provide a flat frequency response to acoustic emission signals over its entire frequency bandwidth.

Technical Specs

Resonant Freq. Ref V/(m/s)	600kHz
Frequency Range	50kHz-800kHz
Sensitivity Peak Ref V/(m/s)	>65dB
Working Temp.	-20 to 80°C
Size (DxH)	19x15mm
Weight	45g
Case Material	SUS-304
Face Material	Ceramic
Protecting Grade	IP68
Connector	BNC on integral cable
Connector Location	Side



Applications

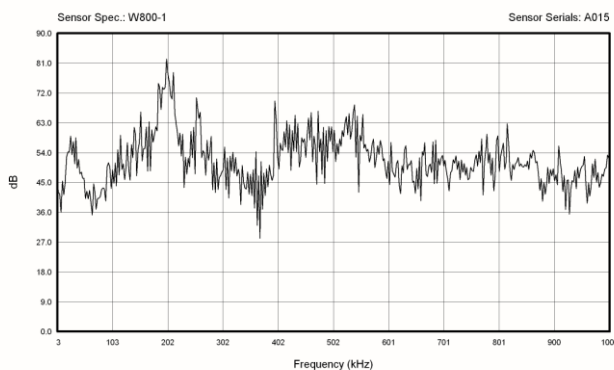
It is well suited for laboratory studying of surface displacement of structures due to different AE modes. It also could be used in applications requiring frequency analysis and composites research. It could be easily mounted by a magnetic hold-down.



Standards

Calibration standard	ISO12714
	GB/T 19801

AE SENSOR CALIBRATION CERTIFICATE



Accessories

Signal cable model	SYV-50-3/ STYV-50-2
Hold-down	M20
Preamplifier	PAS/PAV

Certification



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