

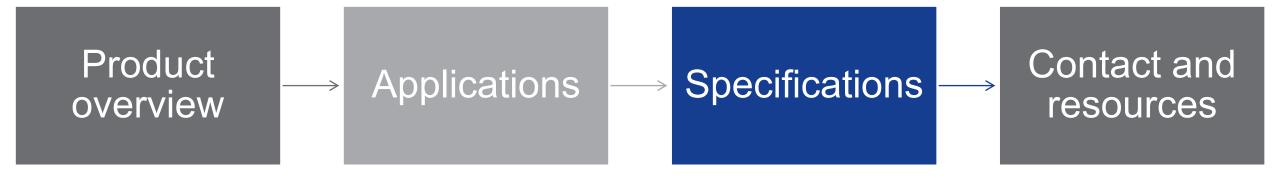
H23 HYDROPHONES INTRODUCTION

VERSATILE FOR A VARIETY OF UNDERWATER ACOUSTIC APPLICATIONS



H23 HYDROPHONES INTRODUCTION (REV A), © 2024 AMPHENOL (MARYLAND), INC. PROPRIETARY

OUTLINE





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NEXT GENERATION HYDROPHONES

SMALL, VERSATILE, SELF-AMPLIFIED, AND SHIELDED FOR A VARIETY OF UNDERWATER ACOUSTIC MEASUREMENTS



Underwater sound measurements over the frequency range 5 Hz to 150 kHz

ULTRA LOW NOISE INTERNAL AMPLIFIER

Eliminates triboelectric cable noise, connector contamination, and an expensive inline amplifier

APPLICATIONS:



MILITARY
STUDIES AND
SURVEILLANCE



UNDERWATER STUDIES DOWN TO 2230 FEET, 1000 PSI

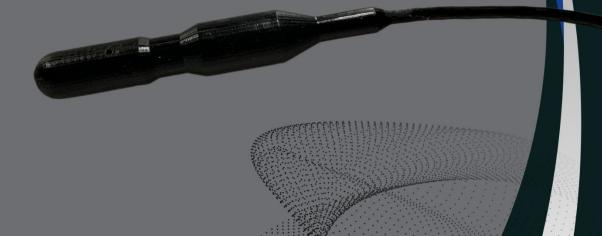


PUMP CAVITATION AND MACHINERY STUDIES



NEXT-GENERATION TECHNOLOGY BUILT ON A LEGACY OF UNDERWATER SENSING

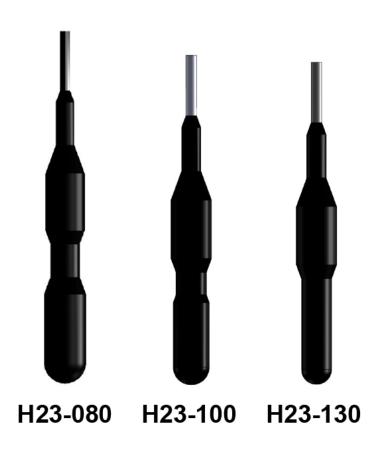
For more than 60 years, Wilcoxon has developed industryleading transducers for demanding naval applications. The tradition continues with the H23 series of hydrophones for military and test and measurement applications.



H23 HYDROPHONES OVERVIEW

UNDERWATER ACOUSTIC MEASUREMENTS FOR LAB AND OCEAN RESEARCH

- 80 kHz, 100 kHz, and 130 kHz versions
- Ultra low noise internal amplifier
- Underwater operation to 680 meters, 2230 feet, 1000 PSI
- Underwater sound measurements over the frequency range
 5 Hz to 150 kHz (+6/-10 dB)
- Integral cable
- Rugged construction
- Low cost
- Applications include calibration, military surveillance, underwater biological studies, ship noise studies, pump cavitation and machinery studies, and monitoring of underwater ordnance

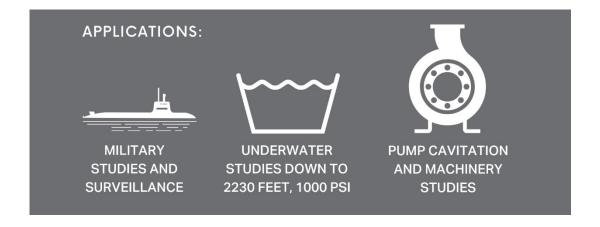




APPLICATIONS

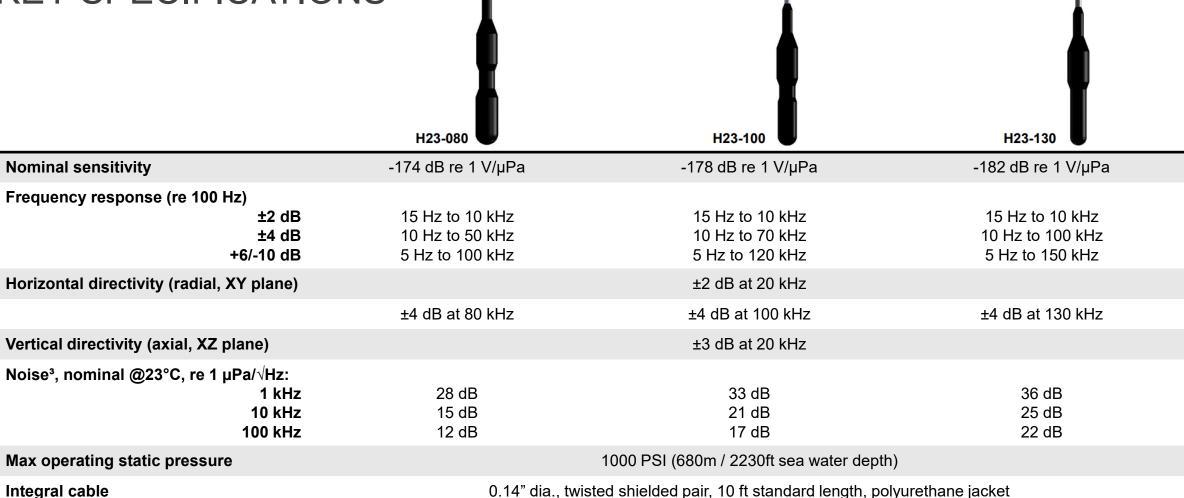
OCEANIC AND LAB RESEARCH

- Calibration reference standards
- Ultrasonic measurements in liquids
- Cavitation measurements
- Laboratory and industrial measurements in liquids, gases
- Military surveillance
- Underwater biological studies
- Ship noise studies
- Pump and machinery studies
- Monitoring of underwater ordnance





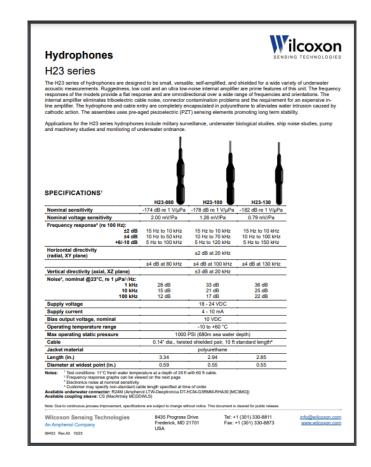
KEY SPECIFICATIONS

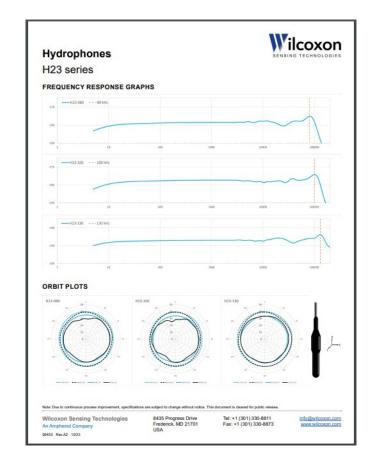




SPECIFICATIONS

COMPLETE SPECIFICATIONS ONLINE







CONTACT INFORMATION

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ONLINE RESOURCES

- H23 series new product page
- H23 series one-page overview
- H23 series specifications
- H23-080 page
- H23-100 page
- H23-130 page

