

## HNC Hydrophones

The HNC Series needle hydrophones are excellent sensors for laboratory use in ultrasonic field mapping, with pinpoint access and good spatial resolution. They exhibit higher sensitivity than the HNP series, with decreased sensitivity flatness and slightly narrower directivity.

### Features

- Small size
- High sensitivity
- Range of apertures available
- Very stable
- Low cost

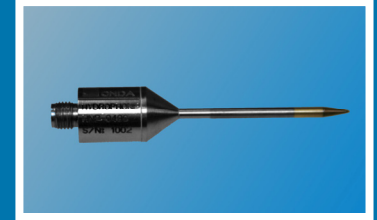
### Technical Specifications

	HNC-0200	HNC-0400	HNC-1000	HNC-1500
<b>Frequency range (<math>\pm 6\text{dB}</math>)</b>	1 - 10 MHz			
<b>* EOC Nominal Sensitivity [nV/Pa]</b>	45	170	780	1200
<b>* EOC Nom. Sens. [dB re 1V/uPa]</b>	-267	-255	-242	-238
<b>Acceptance angle (-6dB at 5 MHz)</b>	90°	60°	25°	15°
<b>Capacitance [pF]</b>	70	70	90	100
<b>Max. Operating Temperature</b>	50°C			

\* EOC ("end of cable") is the open-circuit output sensitivity of the hydrophone. Calibration with an amplifier can be determined from the gain and input impedance of the amplifier.

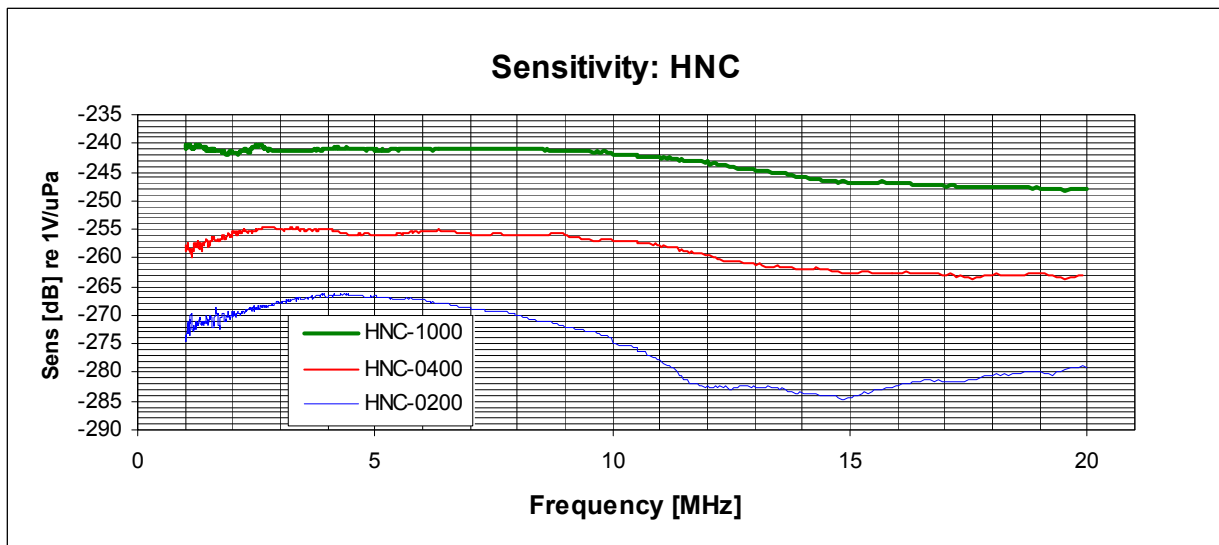
Provided with traceable calibration 1-20 MHz at 50 KHz intervals. For other calibrations available visit our web site.

Specifications are subject to change without notice.

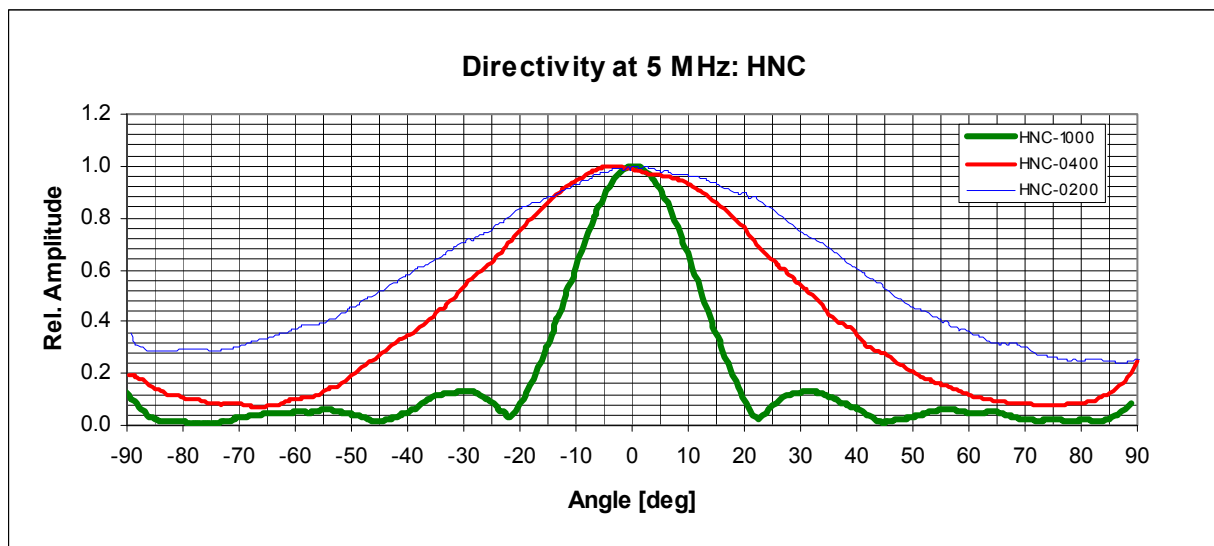


HNC Hydrophone

## Typical Sensitivity Plot



## Typical Directivity Plot



## Mechanical Specifications

