


Data Sheet of Miniature Hydrophone YS-3000

Type	YS-3000
Sensitivity (dBV re 1uPa @20°C)	-201
Sensitivity (V/Bar @20°C)	8.9
Capacitance(Nf@20°C)	11.0
Frequency Response (+/-1.5dB)	2Hz to 30kHz
Working Depth(m)	3,000.0
Length(mm)	85.0
Diameter(mm)	25.0
Weight(g)	70.0
Lead-in Cable	- 4.6mm OD, 3-core with 1m length. - Customized Cable Length is available.
Connector Type	- LCK-2M / KCK / KCL / Kooter. - Customized Connector is available upon request.
Warranty Period	1-year (Exclusive of high voltage, lightening or physical abuse.)
Product Picture	 A photograph of the YS-3000 miniature hydrophone, which is a small, black, cylindrical device with a thin cable extending from one end.

Frequency Response VS Hydrophone Sensitivity Level M

Frequency (f/kHz)	Sensitivity(M/dB) (Reference Value 1V/uPa)		
	1MPa	5MPa	10MPa
20Hz	-200.2	-200.7	-201.2
60Hz	-198.9	-199.3	-199.7
180Hz	-200.5	-200.7	-200.9

- Ambient Temperature: 27.1°C.
- Water Temperature: 26.6°C.
- Lead-in cable length 0.2m.
- Insulation Resistance: >100MΩ(Testing Voltage: +100V).