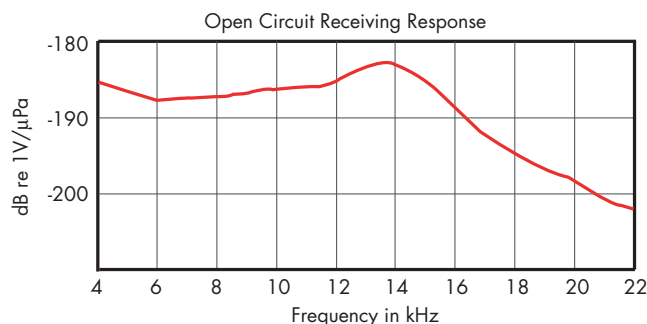
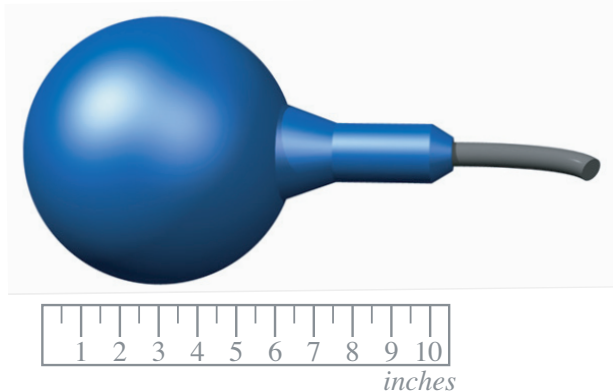


# Model ITC-1007

## Deep Water Omnidirectional Transducer

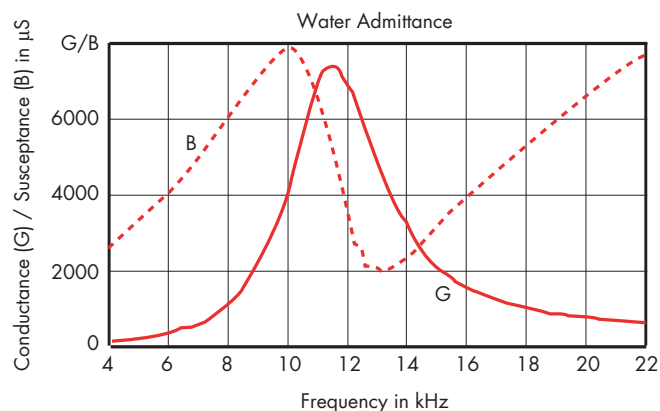
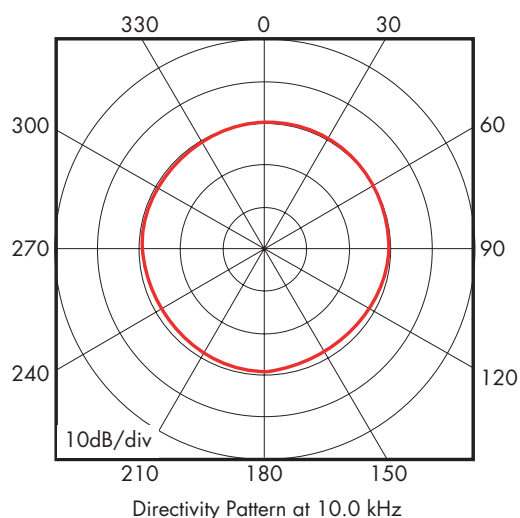
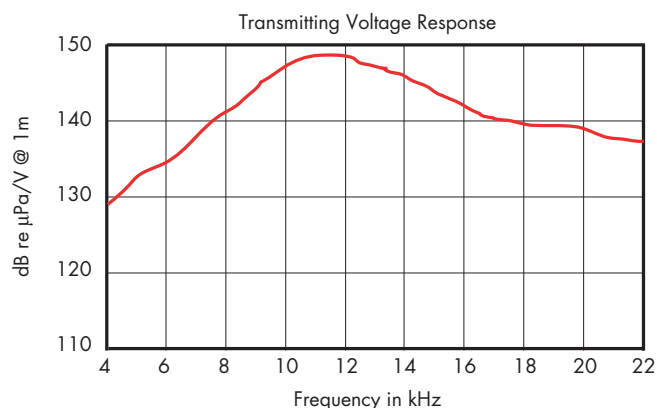
Model ITC-1007

**The Model ITC-1007** spherical transducer offers a broadband, omnidirectional transmitting and receiving response with efficiencies greater than 50% over the entire band. This transducer is fabricated of high precision Channelite-5400 and zirconate titanate ceramic hemispheres. It is particularly well suited for high power noise sources and applications where a truly omnidirectional response is required.



### Specifications (Nominal)

Type	Projector/Hydrophone
Resonance Frequency $f_r$	11.5 kHz
Depth	1250 meters
Envelope Dimensions (in.)	6.5D
TVR at $f_r$	149 dB//μPa/V@1m
Midband OCV	-188 dB//1V/μPa
Suggested Band	.01 – 20 kHz
Beam Type	Spherical
Input Power	10,000 watts



International Transducer Corporation

869 Ward Drive, Santa Barbara, CA 93111  
805.683.2575 • 805.967.8199 FAX

[www.itc-transducers.com](http://www.itc-transducers.com)