

设备卡片号：070313

设备名称：超短基线定位系统

规格型号：HIPAP 350P

设备单价：1236419.6

设备数量：1

购置时间：2007.12.04

设备状态：正常

设备所在地：

设备负责人：潘国富

功能及技术指标：

HiPAP350P 工作范围 1-3000 米 位置精度，以斜距的 % 表示：0，3 %



TECHNICAL SPECIFICATION

Gate Valve Size Required	350 mm [14 inches]
Transducer Diameter	320 mm
Acoustic Operating System	$\pm 80^\circ$
Number of Active Elements	46
Angle Accuracy: ¹	0 dB S/N: 0.40° 10 dB S/N: 0.23° 20 dB S/N: 0.18°
Range Detection Accuracy: ¹	< 20 cm
Range Detection Accuracy: ¹	1 to 3000m
Narrow Pointing Receiver Beam:	$\pm 7.5^\circ$

¹The specifications are based on; Line of sight from transducer to transponder, no influence from ray bending, Signal to Noise ratio as specified in water in the 250 Hz receiver band, no error from heading / roll / pitch sensors, and use of correct sound velocity. Operating ranges are typical and conservative, and are assumed by using sufficient transponder level (up to 206 dB dependant on range).