

# T200

High resolution  
multi-beam echo-sounder



T200 is a high-precision portable shallow water multi-beam sounding system. It is composed of multi-beam acoustic system, navigation system, data acquisition system, data processing system and peripheral auxiliary sensor equipment. T200 is a multi-beam product with a full Chinese operation interface launched by South Ocean. Its sounding range, resolution, accuracy, overall performance and other indicators have reached the high level of similar international products, and are widely used in various shallow seas and ports, water depth measurement in the inland river area.

## Features

- Angle measurement range: maximum coverage up to 165°
- Sounding distance: up to 500m
- Resolution: up to 6mm



## Advantages

Near-field focusing, seafloor tracking, water and side scan imaging  
 Different functions can be customized according to customer requirements  
 Lightweight, portable, easy to install and compatible with mainstream  
 post-processing software

Specifications	Data
Working frequency	200 kHz
Maximum wave velocity angle	165°
Vertical track wave speed width	1°
Horizontal track wave speed width	2°
Beam number	512
Measuring range	0.5-500m
Maximum frame rate	60 Hz
Sounding resolution	6mm
Beam roll stability	±10
Transmitting unit size	240mm*120mm*160mm
Receiving unit size	445mm*117mm*160mm
Wet weight	19kg (Including transducer shroud, fixed flange, surface sound velocity )
Processing host size	280mm*250mm*62mm
Processing host weight	3.4kg
Cable length	15m, customizable
Power supply	AC220V±10%, 50Hz±5%
Power consumption	up to200W
Depth of the pressure	50m
Storage temperature	-2°C~55°C
Working temperature	-2°C~40°C