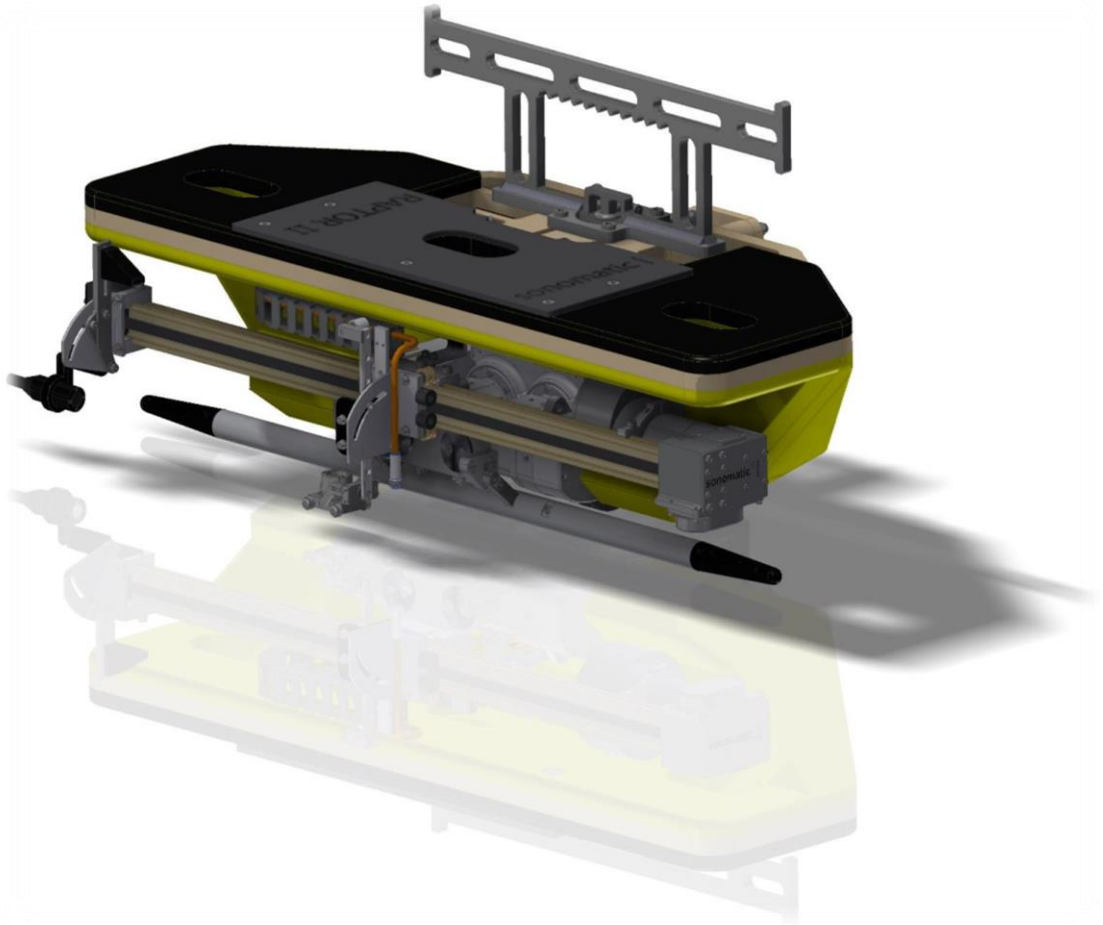


RAPTOR II Subsea



- **Weight:** 19.5KG (23KG with buoyancy)
- **Weight in Water:** 6 KG
- **Dimensions:** 359mm x 854mm x 505mm
- **Depth Rating:** 50m
- **Operating Temperature:** -10°C to +55°C
- **Max OD:** Flat
- **Min OD:** 16"
- **Scan Speed:** 500mm x 500mm = 5min (4mm step x 1mm raster collection)
- **Positioning:** All axis encoded
- **Maximum x-axis velocity:** 200mm/sec (Max distance: 600mm)
- **Maximum y-axis velocity:** 50 mm/sec (No travel limit)
- **Umbilical length (ROV to Tool):** 10m cable supplied
- **UT Measurement Configurable for:**
 - Zero Degree
 - ToFD
 - Angle Shear Wave
 - Phased Array
- **Data Communication:** 100Mbit Ethernet over STP cable
- **Control POD Power Supply:** 24VDC/200W (36VDC option)
- **Attachment Method:** Permanent magnet within body. Attraction force \approx 80Kgs
- **Additional Options:** Lights, Cameras, and integrated preamplifiers

General Features

- Scanner Configurable for raster or line scanning
- Probe head adjustment to diameter
- Joystick control
- Live data collection
- Fully manual (Joystick) and automated scanning
- Gimbaling probe assembly ensures good data collection on undulating surfaces
- Probe garaging for safe deployment and probe protection traversing welds
- Wheels self-adjusting to external and internal diameters
- Rugged and compact design for tight access areas
- Integrated Water/couplant management for use above splash zone

Dimensions

