

OnSite Standard Product



Key Specifications

Depth Rating: 60m / 200ft
Maximum Tether Length: 60m / 200ft
Maximum Speed: 10m / 32ft per minute
Vehicle Payload: up to 4.5kg / 10lb
Front Facing Camera: Crystal Cam®
Optional: Spectrum 45™ camera and/or auxiliary Crystal Cam®
UT Probe: Cygnus single or twin element DIVE probe
Operating Temperature: 0°-40° C / 32°-104° F
Vehicle Weight: 11.4kg / 25lb in air without tether
Vehicle Dimensions: 17x11.1x6.9in / 43x28x17.5cm

Standard Components: 2 x 4000 series Microtracs™, 1 x Crystal Cam® camera, 1 x UT probe with electronics canister and actuator mechanism, 1 x couplant pump box for dry operations, laptop PC, power supply / interface box, Inuktun ICON and InPRO software for control and reporting.



“...a robot that can photograph or survey a hull from gunnels to keel and stem to stern while the ship’s still in the water — we are talking huge savings in time and cash.”

— N. Stark, former Captain and Port Authority CEO

MaggUT™—Marine (MUM)



Industries & Applications

THINK
PURCHASE

- Marine
- Petrochemical
- Municipal (Sewer/Water)
- Oil & Gas (Onshore/Offshore)

With a maximum depth rating of 60 metres (200 feet), the MaggUT™—Marine (MUM) can be used to quantify metal loss on ship hulls, pressure vessels, large diameter pipes, or other subsea structures. Plus, with the Inuktun ICON control software, automation routines can be used to implement repeated A-Scan (thickness) readings. All sensor data is recorded and synced with the video frames, so generating summary reports is easy.

Inspectors can employ the different echo features for error checking measurements through coatings up to 20 millimetres thick, uncoated surfaces with heavy back-wall corrosion or pitting, or on painted surfaces with heavy back-wall corruptions (through up to 0.5 millimetre paint). MSI™ Measurement Stability Indicator, exclusive to Cygnus, affirms a stable reading in Single-Echo and Echo-Echo modes.

MaggUT™-Marine

STANDARD IM3 OPTIONS

Custom configurations:
See dealer for details



Spectrum 45™
Pan and Tilt Camera
for more detailed
visual inspection



Cygnus Single (SC2)
Single Element Probe
suitable for most
applications
2.25 MHz 13mm / 0.5in

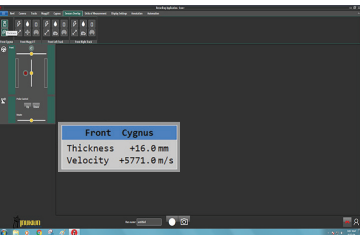


Cygnus Twin (T5B)
Dual Element Probe
suitable for most app-
lications, incl. heavily
corroded & pitted steels
5 MHz 2 x 8mm / 0.5in



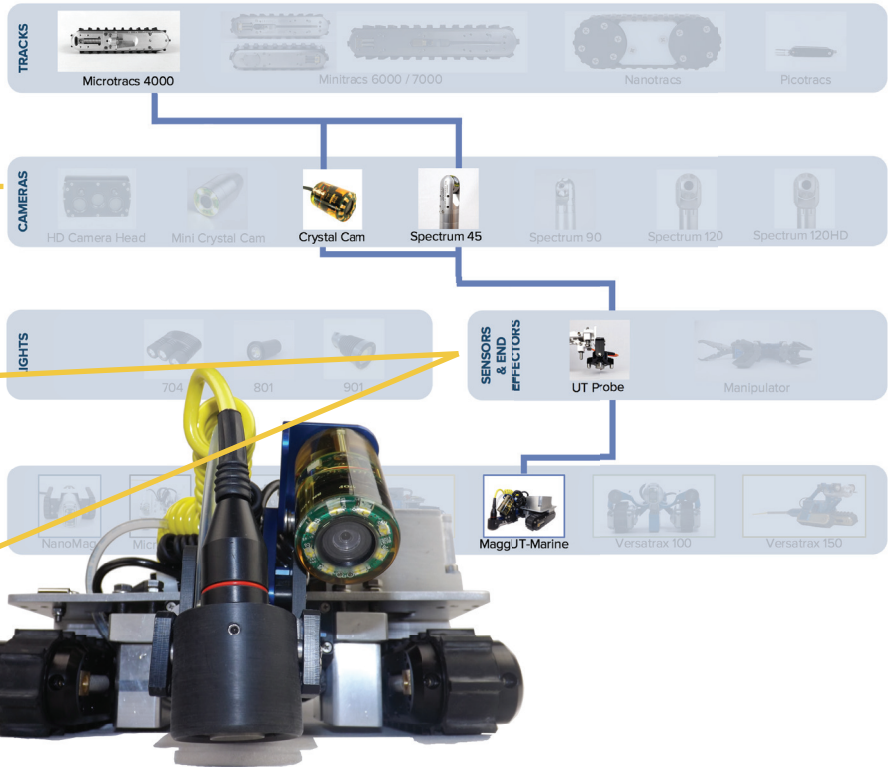
Interchangeable UT Probes

Interchangeable
between single and twin
element DIVE probe to
allow measurement of
different materials



Integrated Reporting Software

Sensor data on-screen
with options to add
annotations and tag
frames in real time.
Automate vehicle tasks
through software.



MaggUT™-Marine Standard Dimensions

