

OnSite Standard Product



Key Specifications

Depth Rating: 60m / 200ft
Maximum Tether Length: 60m / 200ft
Maximum Speed: 9m / 30ft 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: 9.4kg / 20.5lb in air without tether
Vehicle Dimensions: 386x280x162mm / 15x11x6in

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

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

Above or below the water line, the Inuktun MaggUT™-Marine (MUM) provides detailed visual inspections and thickness measurements on ship hulls, pressure vessels, large diameter pipes or almost any steel infrastructure. Portable and powerful, the MUM incorporates a Crystal Cam® camera and an ultrasonic testing (UT) transducer from Cygnus Instruments – a world leader in diver held NDT systems; their integrated technology allows inspectors to employ different echo features for error checking measurements through thick coatings, uncoated surfaces with heavy back-wall corrosion or pitting, or on painted surfaces with heavy back-wall corrosion.

Easy to operate, quick to deploy, and surprisingly affordable, the MaggUT™-Marine includes a PC based control system that records both the live video and the thickness readings automatically. And, Inuktun’s Multi-Mission Modular (IM3) technology makes it easy to swap in dual or single mode UT probes, a Spectrum 45™ pan and tilt camera or a longer tether cable whenever the need arises.

MaggUT™-Marine

STANDARD IM3 OPTIONS

Custom configurations:
See dealer for details



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



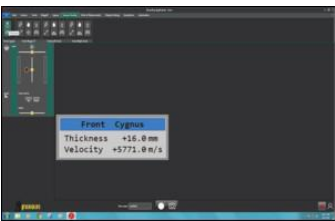
Cygnus Single
(SC2) Single Element
Probe suitable for most
applications
2.25 MHz 13mm / 0.5in



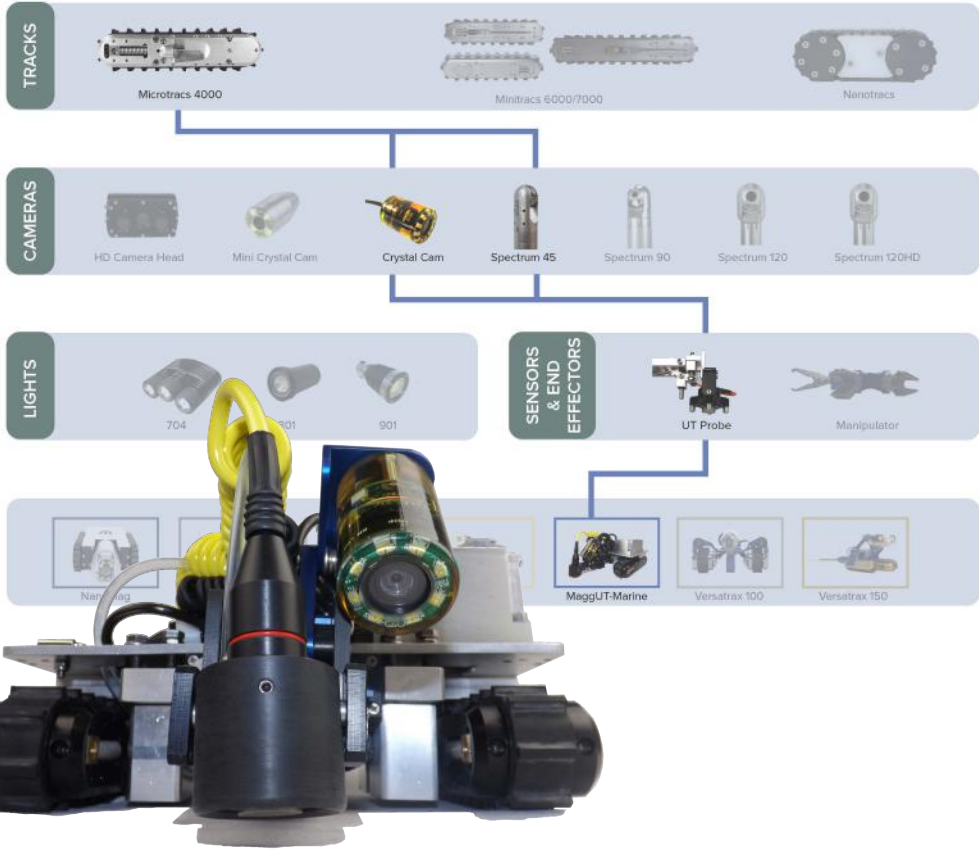
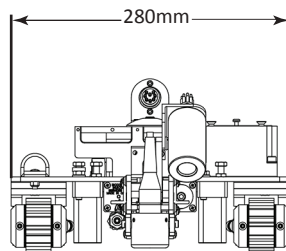
Cygnus Twin (T5B)
Standard Dual Element
Probe suitable for most
applications, including
heavily corroded and
pitted steels
5 MHz 2 x 8mm / 0.5in



**Interchangeable
UT Probes**
In addition to the Cygnus
probes listed above, we can
also incorporate versions from
other preferred manufacturers.



**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

