

# 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**

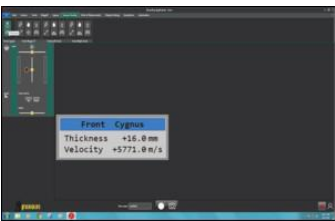


**Cygnus Twin (T5B)**  
Standard Dual Element  
Probe suitable for most  
applications, including  
heavily corroded and  
pitted steels  
**5 MHz 2 x 8mm / 0.5in**



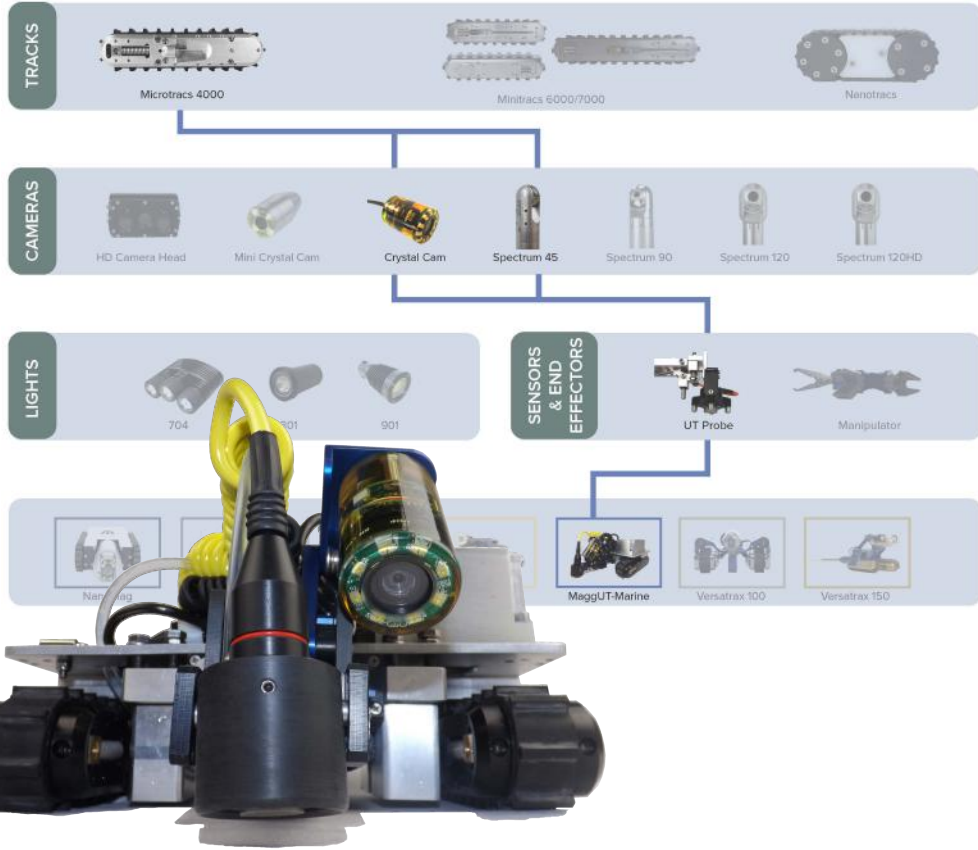
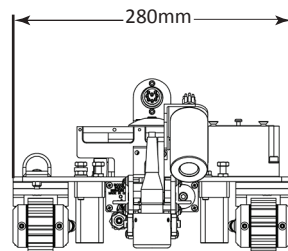
### Interchangeable UT Probes

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

