

ALPHA 5 INSPECTOR

A remote multi-sensor measurement tool

The Alpha 5 Inspector is a tough, reliable, intuitive to control manipulator for conducting remote visual and non-destructive inspections.

- **TOUGH**
300m Depth Rating
Field Proven
- **USABLE**
Intuitive Interface
Master Arm Controlled
- **ADVANCED**
0.1° Joint Accuracy
Kinematics and Self-Protection



Master Arm
Controller Enabled

Note: Master Arm not included



ROV & Crawler Proven

FEATURES

- Fits on very small ROVs and Crawlers
- Quick to integrate
- Probe Holder Available for your Probe Integration, or
- Build-your-own Probe Holder
- Embedded controllers - no additional POD
- Self-protection against collision
- One-click stow/deploy position
- Corrosion and scratch resistant anodized aluminium
- Advanced monitor software interface
- Data-logging for probe location



Note: Probe head not included

INSPECT WITH EASE

With high accuracy joint positioning (0.1°) and a master/slave topside controller, the Alpha 5 Inspector is designed to manipulate UT, CP, or other visual/NDT probe heads into position for accurate measurements.

- **ELECTRICAL**
Voltage 18-30V
Wattage 35W Max
COMS RS232/485
- **ENVIRONMENTAL**
Depth 300MSW
Temp -35°C to 35°C
Material AL6061
- **MECHANICAL**
Payload Capacity 2kg
Weight (Air) 1360g
Weight (Water) 900g

A Revolution for Subsea Inspection & Intervention



Responsive
Integration Support



Responsive
Remote Support



Extended Warranty,
Spares Packages &
Service Plans Available



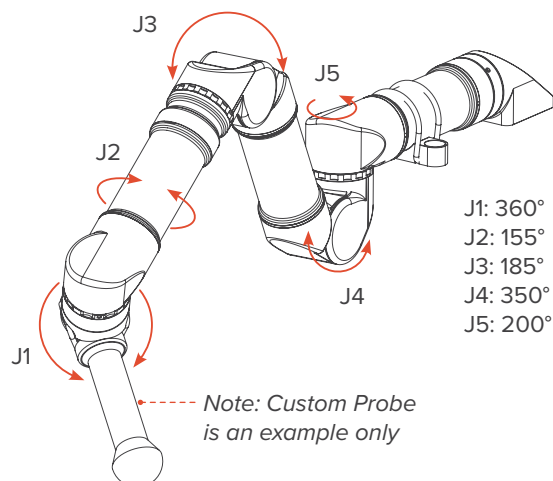
12 Month
Warranty



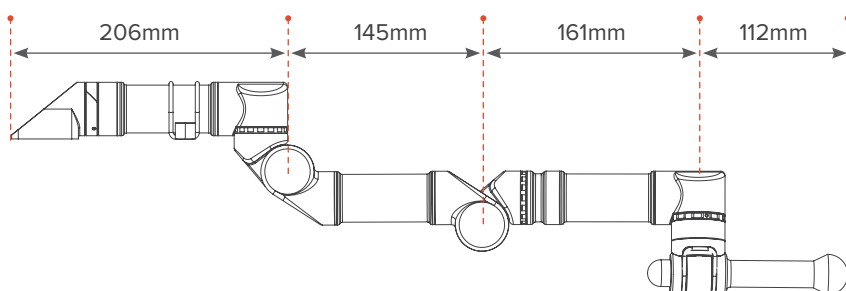
1000+ Hours
Logged

SPECIFICATIONS

Reach	400mm & up depending on probe length
Outer Diameter	40mm
Standard Connector	Teledyne 6 Pin IE(W)-55 Impulse Connector (whip included)
End-effector Accuracy	<10mm
Operator Control Options	3D Space Mouse, Gamepad, Software GUI, Master Controller



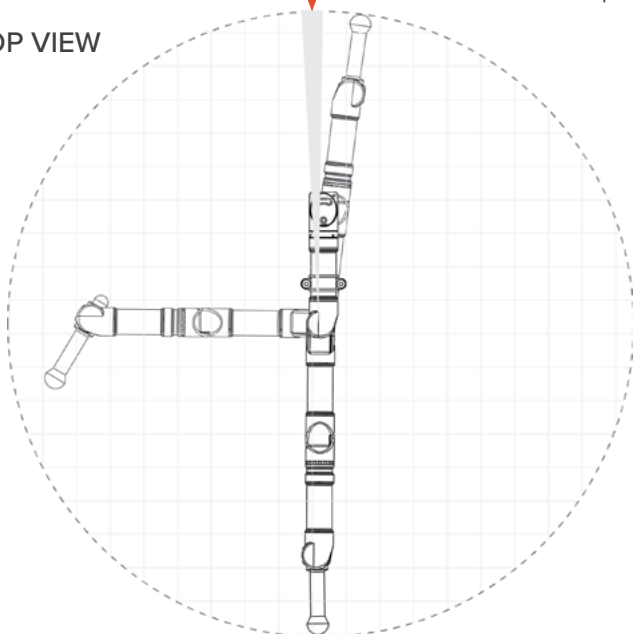
Interface with a variety of industry standard payloads



HIGH MOBILITY & COMPACT

Note: base joint is software limited to 352° (not continuous)

TOP VIEW



SIDE VIEW

