



Vortex Survey Boom Arm

180° full reset survey boom arm

Vortex 180-FR (Full Reset) survey boom arms avoid the shoulder function damage typically seen with survey boom arms which are ridged in design.

The 180-FR achieves these through a ceramic friction clutch design, using materials which do not swell in water or at depth. The ceramic clutch allows 'slippage' of the arms around a central rotational fulcrum when the arms become obstructed. In the event of slippage, the arms can be rotated back into position for operations to continue safely and efficiently.

Applications

Underwater inspection
Equipment and tool placement
Target identification & classification
Monitoring operations

Features

Full fore/aft and up/down movement through 180°
Collision break-away and reset feature reduces downtime and improves safety

In the box

Vortex survey boom arm
Operational hoses
Boom arm to ROV mounting plates
Service tools and spares kit
Operations and maintenance manual



Vortex Survey Boom Arm

Specifications

Length of arm	1625mm
Length of tool	1550mm
Height	270mm
Width	320mm
Weight in air	25kg
Weight in water	35kg
Option 1 without knuckle	Up / Down 45-0-45° (90°)
Option 2 with knuckle	90-0-90° (full 180°)
Stowage fore and aft	Left / Right 90-0-90° (full 180°)
Pan and tilt	Fit P+T from which ever manufacturer you prefer
Construction	316 SS and HE 30 hard anodised aluminium
Depth rating	3000m 9842ft seawater
Shipping dimensions	L 1160mm x W 850mm x H 550mm
Shipping weight	385lb (175kg)

