



Chain Angle Tool (CAT)

Capture real-time pitch, roll and absolute inclination

The Chain Angle Tool (CAT) is an ROV-deployed digital inclinometer, ideal for inclination measurement operations of mooring chains or other subsea infrastructure. The CAT is used to verify chain tension and load sharing between lines; an essential element of in-service integrity management and Class UWILD surveys.

Applications

In-situ angle measurement for
inferred chain tension
UWILD Class compliance

Features

Three-axis MEMS technology
Accurate to within 0.05 degrees
Depth-rated to 3000m
Available in lengths to suit chain size
Deployable by Work or Inspection-
class ROVs
Lightweight aluminium frame
Real-time data display to topside
computer



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Specifications



Depth rating	3000m
Power	10-36 VDC, 0.3 W5
Communication	RS232/485
Length	1000 mm standard; custom lengths available by request
Weight	5.7kg in air, 4kg in water
Material	Aluminium

