

Retrofit Subsea Clamp

AQUAclamp™

The AQUAclamp™ is a customisable retrofit subsea clamp designed to provide secure attachment to existing pipelines and underwater structures. Built as a robust mounting platform for subsea monitoring and communication equipment, it enables sensors, telemetry units and interface devices to be added to submerged assets according to project requirements.

Designed for ROV or diver installation, the AQUAclamp™ supports straightforward push-and-twist deployment and can be produced to suit specific pipe diameters or structure dimensions. Its coated steel frame, configurable

handles and adaptable mounting arrangement allow the clamp to be tailored for a wide range of subsea monitoring applications.

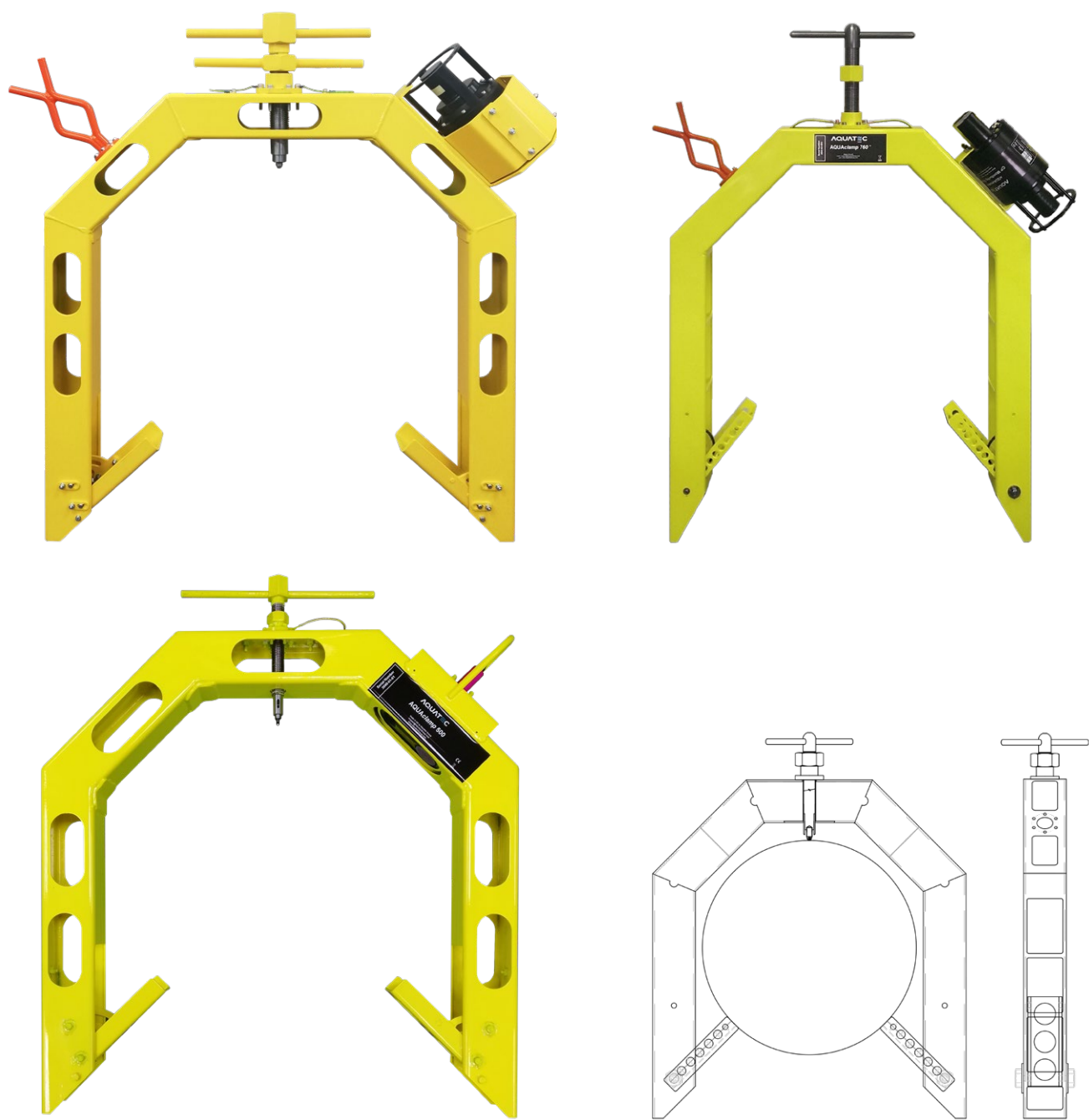
Depending on configuration, the AQUAclamp™ can support pressure, temperature, turbidity, cathodic protection and other monitoring requirements, with data communication provided through compatible Aquatec acoustic or optical modem systems. Electrical continuity features, including bonding cables and contact components, are available to support retrofit monitoring and control applications on existing subsea assets.



AQUAclamp™ configured for pipeline temperature telemetry.
Designs vary by project.

SPECIFICATIONS

Handle options	Rigid tee handles for diver or ROV installation Fishtail handles for ROV installation Handle length and diameter to suit application
Frame	EN10025 S355 steel, ASTM A36 equivalent 2 mm thickness up to 20 in pipe diameter 3 mm thickness for 20 in to 36 in pipe diameter
Continuity	316 stainless steel bonding cable with crimp ring terminals provides electrical continuity
Legs	Clamp positioning via torsion springs and push installation
Contact screw bar	Designed to maintain electrical conductivity Loaded with disc spring washers to support consistent connection
Contact tip	316 stainless steel volcano tip with transverse slot
Coating	Frame, legs and screw bar coated with safety yellow paint
Sizes	Custom-built to suit project requirements Previous units have covered pipe outer diameters from 150 mm to 910 mm
Weight	Produced to date from 7 kg to 28.8 kg in water Weight depends on configuration



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