

IMENCO

Clamp Installation Tool

The Imenco Clamp Installation Tool (ICIT) is a purpose made installation tool for the range of Imenco Retrofit Earthing Connectors.

The ICIT provides a safe and efficient method for installing Imenco Retrofit Earthing Connectors. With its automatic hold function, Imenco Retrofit Clamps can be picked up, carried and installed by the Torque Tool in one continuous operation. With the integrated reaction interface, no torque is transferred to the ROV manipulator or subsea structure.



For further information email:
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Contact us for additional information or to get a quotation. Send an email to corrosion@imenco.com or find personal contact info on our website.

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Product details:

The significant benefits for all Imenco Retrofit Earthing Connectors is the fast and reliable installation method, which is ensured in part by the installation tool. The ICIT is a hydraulically operated torque tool, with unique added functions.

In addition to the hex socket interface for mounting/unmounting connectors, there is the additional ability of holding the clamp in place due to mechanical springs. This hold is overridden at a certain push/pull, with no extra operational steps added. Further, the interface between the ICIT and the Earthing connector also maintains the reaction torque within these two components. No reaction torque is transferred to the ROV manipulator or the subsea structure.

Technical data:

Product ref.:	116307
Hydraulic oil:	Tellus 22 (standard)
Torque Range:	200-2000 Nm
Hydraulic Pressure:	0-200 Bar
Weight in air:	~35kg
Weight submerged:	~30kg
Dimensions:	Ø182 x 533 mm (ex. ROV handle)
ROV handle:	Fishtail (standard) T-handle as option

Operational summary:

1. Install ICIT on the ROV and pre-dive check.
2. Prepare Retrofit Earthing Connector/ Retrofit CP system for deployment.
3. Deploy ROV and Retrofit Earthing Connector/CP System.
4. Locate the installation site.
5. Install ICIT onto the Earthing Connector.
6. Lift and place the Earthing Connector on the subsea structure.
7. Verify correct placement.
8. Apply hydraulic pressure to ICIT, to operate the tool in a CW direction.
9. Continue until ICIT stops rotation at the specified torque/pressure setting.
10. Remove ICIT from Earthing Connector.
11. Visually inspect the installed Earthing connector/CP system. Further verification testing as required.

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