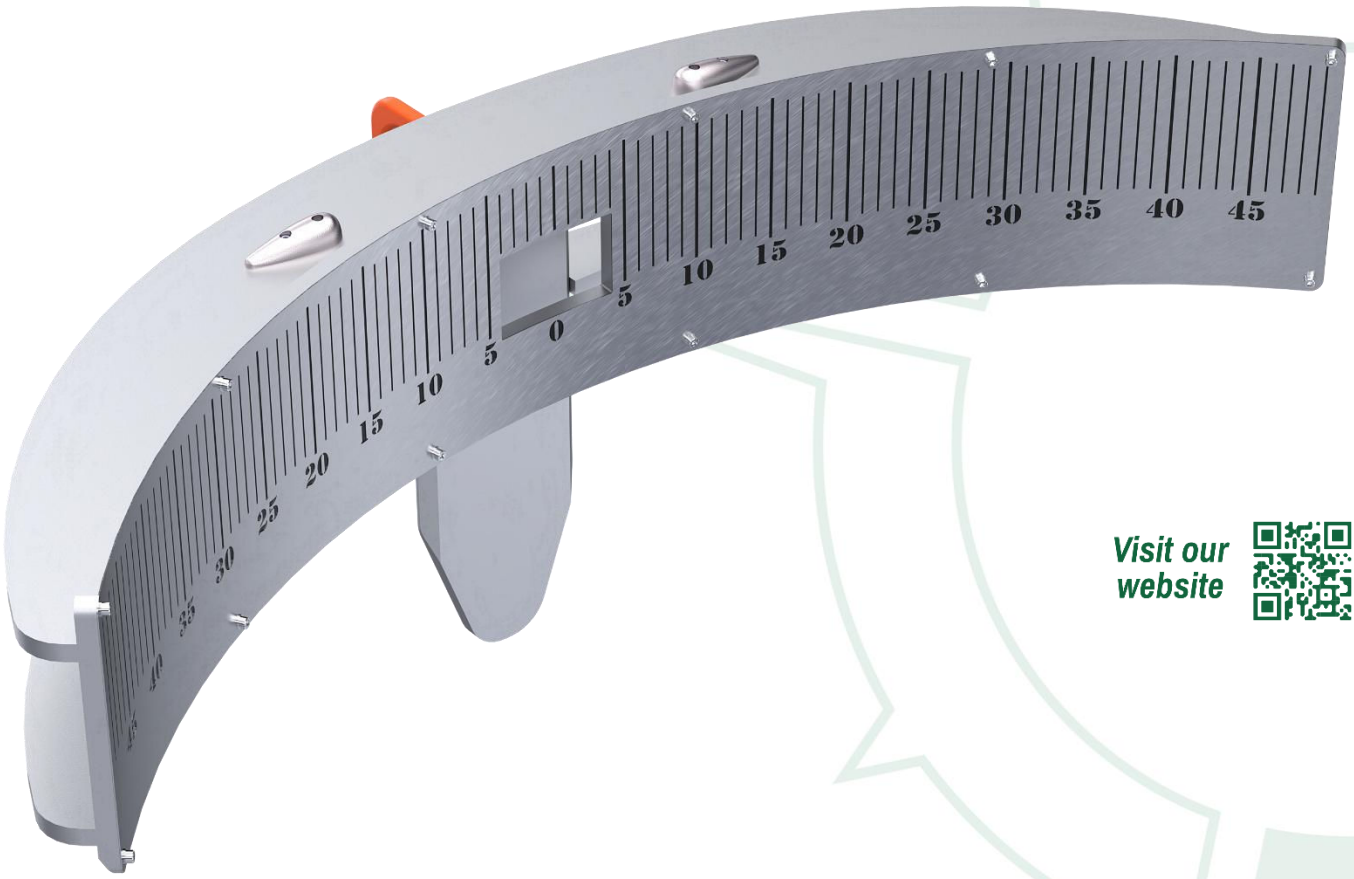
Flowbase Orientation Tool

Category: Contingency & Intervention Equipment

The Flowbase Orientation Tool is used to measure the misalignment between an installed tubing hanger and the flow base.

The Orientation Tool mounts to the flow base tombstone. The Tubing Hanger Laser Alignment Tool (client operated) is deployed on the tubing hanger, enabling the offset angle to be observed directly where the laser line intersects the tool gradations.

The Orientation Tool measures angular misalignment up to ±45° from the centre tombstone datum.



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Features

- Fabrication accuracy of 0.034° (0.5 mm on the tool)
- ±45° angular measurement
- Robust construction
- ROV deployed

Specifications

Dimensions (mm)	1350 (L) x 555 (W) x 550 (H)
Weight in Air	38 kg
Weight in Seawater	24 kg
Depth Rating	Unlimited

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