

Insacal Conductivity®

To be used for calibration of in-line conductivity sensors, either for on-line calibration or at-line with beaker or T9 Calibration tank.

- Calibrated by our DANAK accredited laboratory with traceability to DFM Standard Reference Material.
- Simultaneously shows compensated and uncompensated conductivity values, as well as temperature readings.
- Lightweight and portable for use in the field or laboratory.
- Robust construction ensures long-term stability and accuracy.
- Calibrations can be performed at-line, in a beaker or using a calibration tank.



	Insacal Conductivity®
Touch screen HMI	✓
Interface language	Multiple
Electrode	Yokogawa
Sensor cable length	2 or 5 metres
Standard flow fitting	Mini Clamps
Conductivity range	Low range: 0.055 to 1000 $\mu\text{S}/\text{cm}$ @ 25 °C High range: 1 to 240 mS/cm @ 25 °C
Cell constant determined	Low range: Standard solution at 100 $\mu\text{S}/\text{cm}$ combined with an electrical calibration High range: Standard solution at 10 mS/cm combined with an electrical calibration
Cell constant calibrated to (accredited)	Low range: 0.34% (by standard solution method) High range: 0.26% (by standard solution method)
Temperature range	Calibrated range: 0 to 90 °C (± 0.50 °C)
Base model order number – with 5 m cable	Low range: Insacal FLXA Low D (digital) High range: Insacal FLXA High A (analogue) Dual: Insacal FLXA Dual DA (digital + analogue) <i>All models are available with EU or US power supply.</i>

Accessories

Additional calibrations

Additional calibrations can be performed if further information is needed, e.g. the linearity of the sensor's cell constant.

Tubes

Specially tested and verified tubes to ensure they do not affect the solution's conductivity.

Transportation and storage case

Keep your Insacal safe during transport and storage.

Decade box

Decade box for on-site transmitter check.

T9 Calibration Tank

Tank with build in circulation pump for easy and effective conductivity calibrations.

T9 Resin Bed

Enables you to easily do calibrations at the Ultra-Pure Water conductivity range.

Fittings

Fittings can be crafted to your needs, for example to fit a sensor with longer shaft or for a broader variety of process connections.



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