

# Insatech Insacal®

**Insacal is used for in-line or in-breaker conductivity calibration from UPW/WFI to chemical levels.**

- 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.



	Insatech Insacal®
Touch screen HMI	✓
Interface language	Multiple
Electrode	Yokogawa
Sensor cable length	2 or 5 metres
Standard flow fitting	½" NPT female or mini-clamps
Conductivity range	<b>Low range:</b> 0.055 to 1000 µS/cm @ 25 °C <b>High range:</b> 1 to 240 mS/cm @ 25 °C
Cell constant determined	<b>Low range:</b> Standard solution at 100 µS/cm combined with an electrical calibration <b>High range:</b> Standard solution at 10 mS/cm combined with an electrical calibration
Cell constant calibrated to (accredited)	<b>Low range:</b> 0.34% (by standard solution method) <b>High range:</b> 0.26% (by standard solution method)
Temperature range	<b>Calibrated range:</b> 0 to 90 °C (± 0.50 °C)
Base model order number – with 5 m cable	<b>Low range:</b> Insacal FLXA Low D (digital) <b>High range:</b> Insacal FLXA High A (analogue) <b>Dual:</b> 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.

## T9 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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