

# Insacal® Conductivity FLXA

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

- ISO 17025 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 on-line, at-line in a beaker or in a T9 calibration tank.



Insacal® Conductivity FLXA	
Touch screen HMI	FLXA402
Interface language	Multiple
Electrode/cell	Yokogawa
Standard flow fitting	Mini Clamp
Conductivity range	<b>Low range:</b> 0.055 to 1000 $\mu\text{S}/\text{cm}$ @ 25 °C <b>High range:</b> 1 to 240 mS/cm @ 25 °C
Cell constant calibration method Combined with an electrical calibration	<b>Low range:</b> Standard solution at 100 $\mu\text{S}/\text{cm}$ <b>High range:</b> Standard solution at 10 mS/cm or 100 mS/cm
Cell constant calibration uncertainty (accredited)	<b>Low range:</b> $\pm 0.34\%$ (by standard solution method) <b>High range:</b> $\pm 0.26\%$ (by standard solution method)
Temperature range	<b>Calibrated range:</b> 0 to 90 °C ( $\pm 0.50$ °C)
Base model description	<b>Low range:</b> Insacal FLXA Low D (digital) with 3 metres cable <b>High range:</b> Insacal FLXA High A (analogue) with 2 metres cable <b>Dual:</b> Insacal FLXA Dual DA (digital + analogue) <i>All models are available with EU or US power supply and option for other cable lengths.</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® Conductivity safe during transport and storage.

## Decade box

Decade box for on-site transmitter check.

## T9 Calibration Tank

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

## Lab Stand

Calibration stand with beaker, magnetic stirring, and dedicated electrode holders for reliable conductivity calibrations.

## 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.



Insatech A/S  
Naestvedvej 73C  
DK-4720 Praestøe  
Denmark

Tel. +45 5537 2095  
mail@insatech.com  
[www.insatechsolutions.com](http://www.insatechsolutions.com)

INSA Tech