

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	Low range: 0.055 to 1000 $\mu\text{S}/\text{cm}$ @ 25 °C High range: 1 to 240 mS/cm @ 25 °C
Cell constant calibration method Combined with an electrical calibration	Low range: Standard solution at 100 $\mu\text{S}/\text{cm}$ High range: Standard solution at 10 mS/cm or 100 mS/cm
Cell constant calibration uncertainty (accredited)	Low range: $\pm 0.34\%$ (by standard solution method) High range: $\pm 0.26\%$ (by standard solution method)
Temperature range	Calibrated range: 0 to 90 °C (± 0.50 °C)
Base model description	Low range: Insacal FLXA Low D (digital) with 3 metres cable High range: Insacal FLXA High A (analogue) with 2 metres cable Dual: 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.



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