

Calibration tool for conductivity sensors

Conducual CLY421

Portable reference calibration for ultrapure water applications



More information and current pricing:

www.endress.com/CLY421

Benefits:

- Factory calibration traceable to standard reference material by NIST and DAkkS
- Factory calibration of Conducual according to ASTM D-5391
- Flow assembly with adjusting and monitoring functions according to ASTM D-5391
- Accurate calibration by direct use of process sample and comparison with the reference system
- Rapid setup of comparison measurement with practical flow assembly
- Flexible calibration in the field with carrying case and battery-powered Liquiline transmitter

Field of application: Conducual CLY421 is the ideal calibration tool for conductivity measuring devices in ultrapure water applications. It offers certified comparison measurement and full traceability of your instruments' verification and calibration. Furthermore, the tool is fully compliant with the requirements of the pharmaceutical industry. Conducual comes in a robust, portable hard-top case with battery-powered Liquiline transmitter, allowing flexible calibration in the field.

Features and specifications

Conductivity

Measuring principle

Conductive

Application

Calibration of conductivity measuring loops in ultra-pure water applications in the pharmaceutical industry; calibration of quality-relevant process measurements in the ultra-pure water range up to 20 $\mu\text{S}/\text{cm}$

Conductivity

Characteristic

factory calibrated measuring case with certificate for comparison measurement in ultra-pure water up to 20µS/cm

Measuring range

0,04µS/cm - 20µS/cm

Measuring principle

conductiv conductivity measurement

Design

compact case includes factory calibrated conductivity loop and flow-through assembly

Material

case : injection molded high performance resin
Conductivity sensor CLS15D: SS 316 L, PES-GF20
flow-through assembly: PVDF

Dimension

20.9" x 17.4" x 8.5"

Process temperature

0.. 100C
32 .. 210F

Process pressure

87 psi

Ingress protection

IP67 at closed case without power cord

Additional certifications

factory calibration certificate according ASTM 5391-93, traceable to SRM from NIST and DaakS

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