

# Calibration tool for conductivity sensors Conducal CLY421

## Portable reference calibration for ultrapure water applications



### Benefits:

- Factory calibration traceable to standard reference material by NIST and DAkkS
- Factory calibration of Conducal 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

More information and current pricing:

[www.cz.endress.com/CLY421](http://www.cz.endress.com/CLY421)

**Field of application:** Conducal 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. Conducal 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

## Conductivity

**Application**

Calibration of conductivity measuring loops in ultra-pure water applications in the pharma industry; calibration of quality-relevant process measurements in the ultra-pure water range up to 20µS/cm

**Characteristic**

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

**Measurement range**

0,04µS/cm - 20µS/cm

**Measuring principle**

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

## Conductivity

### **Additional certifications**

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

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