



# TDS Conductivity Meter CL 210 & CL 280



**CHEMILINE Digital Conductivity-TDS Meter CL 210 & CL 280** is designed to measure the specific conductivity of a solution using a conductivity cell, and estimates TDS (Total Dissolved Solid) by multiplying the conductivity with a user specified TDS-factor. The unit also measure the temperature using a PT 100 sensor It enables to measure the conductivity directly on DPM

The unit is equipped to provide conductivity at the existing temperature as it is ,or corresponding to a standard temperature of 25 °C i.e. with temperature compensation, automatically or manually, both. The manual mode allows temperature compensation with out the temperature sensor. The TEMPCO is user selectable.

CL 210



CL 280



## • Specifications

### RANGE CL 210

Conductivity TEMCO Range : 2µS to 200 mS with 0.1 cell constant and 20µS to 200 mS with unity l cell constant ,in 5 decade range

TDS : 2 ppm to 2 ppt with 0.1 cell constant and 20 ppm to 200 ppt with unity l cell constant ,in 5 decade range

Temperature : 0 °C to 100°C

#### RESOLUTION

Conductivity : 0.01 in lowest range with 0.1 cell constant

TDS : 0.01 ppm with 0.1 cell constant

TEMPERATURE: 1 °C.

#### ACCURACY

Conductivity / TDS : + 1 % of F.S. + 1 count.

Temperature : + 1 °C.

#### CELL COMPENSATION

0.1 Conductivity Cell : 0.09 TO .11 cell constant

1 Conductivity Cell : 0.9 TO 1.1 cell constant

TDS Factor : 0.20 TO 1.00

Conductivity : 0 TO 3.0 % Per °C

#### TEMPCO RANGE

Cond. Compensation : 0 to 55 °C

#### TEMPERATURE RANGE

Power Requirement : 230 volt + or - 10 %,50 Hz

Display : 2 ½ digit Digital Panel Meter

### RANGE CL 280

Conductivity TEMCO Range : 0.1µs To 100mS

TDS : 0.1 PPM To 200 PPT

Temperature : 0 °c To 99.9°C

#### RESOLUTION

Conductivity : 0.01 µs

TDS : 0.01 PPM

#### ACCURACY

Conductivity / Tds : ± 1 % Of F.s. ±Count.

Temperature : ± 1 °c.

TDS Factor : 0.20 To 1.00

Conductivity : 0 To 3.0 % Per °c

#### TEMPCO RANGE

Display : 20\*4 LCD

# Labline Technologies Pvt. Ltd.