



Micro Controller Based Conductivity TDS Meter



CL 281

CHEMLINE MICRO CONTROLLER BASED CONDUCTIVITY TDS METER CL 251 IS HIGH RESOLUTION AND PRECISE INSTRUMENT. THE INSTRUMENT IS DESIGNED TO MEASURE THE SPECIFIC CONDUCTIVITY AND TDS OF A SOLUTION USING A CONDUCTIVITY CELL. IT ENABLES TO MEASURE THE CONDUCTIVITY AND TDS DIRECTLY ON DISPLAY THIS INSTRUMENT INCORPORATES AN INTEGRATED CIRCUITRY AND THUS THE POWER CONSUMPTION IS VERY LOW. THE CABINET IS ANTI CORROSIVE RUST PROFF INJECTION MOLDED CABINET

SPECIFICATIONS

CONDUCTIVITY

RANGE : 0.1 MICRO S OR MICRO MHO to 100 MILLI S OR MILLI MHO

ACCURACY : $\pm 1\%$ of FS, ± 1 digit

RESOLUTION : 0,001 μ S

TDS

RANGE : 0 TO 100.0 PPT

ACCURACY : $\pm 1\%$ of FS, ± 1 digit

RESOLUTION : 0.1 PPM / 0.1 PPT

TEMP. RANGE : 0 TO 99.9 DEG CENTIGRADE

COND. TO TDS FACTOR : 0.40 TO 1.00 SELECTABLE

DISPLAY : 7 DIGIT 4 DIGIT FOR CONDUCTIVITY & 3 DIGIT FOR TEMPERATUE

CELL COSTANT : 0.1 to 5.0, AUTOMATIC

POWER : 230 VAC, 50Hz $\pm 10\%$

ACCESSORIES

- 1) CONDUCTIVITY CELL WITH C.C. 1.00
- 2) TEMPERATURE PROBE
- 3) CELL STAND CLAMP
- 4) DUST COVER
- 5) MANUAL

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