



CM 183



CM 180

SALIENT FEATURES AND BENEFITS

CM 183

- Auto Ranging
- Total dissolved solids (TDS) in water, aqueous & non-aqueous solutions
- Automatic / Manual temperature compensation from 0 - 50°C

CM 180

- For conductometric titrations of acids, bases and specific organic compounds in aqueous & non-aqueous and biological media
- Extendable to measure total dissolved solids
- Temperature compensation from 0 to 50°C (Manual), Capacitive

SPECIFICATIONS

PARAMETER

CM 183

	EC	TDS
Range	0 to 200 mS	1 ppm to 100 ppt
Accuracy	1% of range	1% of range

INPUT		
Sensor	Conductivity cell	Conductivity cell
Connector	BNC	BNC

TEMP. COMPENSATION	0 to 50°C Auto / Manual
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READOUT	2 line 16 character Dot matrix backlight LCD Module
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CM 180

Range	0 to 20, 200 S
Accuracy	± 1% full scale
Repeatability	± 1% full scale
Readability	1 unit

READOUT	3½ Digit 7 segment LED display of 12.7mm height
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* For detailed specifications contact ELICO Corporate office / Branches

* Specifications subject to change due to continual development

APPLICATIONS

for measurement of conductance of aqueous & non-aqueous solutions in

- Cooling towers: demineralizer output; reverse osmosis; steam boilers; condensate return; waste streams; boiler blowdown; acid, salt and alkali concentrations; laboratory analysis; fruit peeling; oceanography, salinity & desalinization; level detection; chemical streams etc.

Industries & sectors which use conductance

- Power generation, steel, agriculture, hospitals, pharmaceuticals, textiles, chemicals, biological, semiconductor, electroplating, paper, petroleum, marine, sugar, food processing, beverage, brewing etc.