

# CONDUCTIVITY (EC) METER

Economy desktop version

MODEL : DCM 200



## INTRODUCTION

**SANSEL make digital Conductivity (EC) meter DCM 200 is extremely useful for fast and accurate determination of Conductivity in a liquid. The use of solid state technology and IC circuitry makes this instrument versatile and reliable.**

**The multi position selector switch quickly sets the digital display to the desired test range. The instrument is ideal for testing of natural water, drinking water, waste water, brine solution, sea water and soluble salts, etc.,.**

## FEATURES

- ✓ Highly reliable and accurate meter.
- ✓ Very responsive Platinum Conductivity cell.
- ✓ Latest ICs used for quick sensing and high accuracy.
- ✓ Input is compatible for any type of electrode (1.0 cell constant).
- ✓ Cell adjustment controls are provided on front of instrument.
- ✓ Check adjustment controls are provided on rear of instrument.

## Technical Specifications

Model	DCM 200
Display	0.5" 3 ½ Digit 7 segment Red LED
Range	0 – 20 $\mu$ S/ 200 $\mu$ S/ 2000 $\mu$ S/ 20 mS / 200 mS ( 5 range selection using front rotary switch )
Accuracy	$\pm 1$ % of Range $\pm 1$ digit
Resolution	0.01 / 0.1 / 1 for $\mu$ S range & 0.01 / 0.1 for mS range
Temperature Compensation	0 to 50°C (Manual) continuously adjustable
Cell Constant	Adjustable with indication on display
Sensor	Platinum Conductivity cell (1.0 cell constant) with Banana male connector
Input Connection	Banana Socket
Operating Environment	0 to 50 °C / 20 to 95 % RH non condensing
Power supply	230V AC / 50 Hz $\pm 10$ %
Overall Dimension in mm	185 x 235 x 65 ( L x B x H )
Instrument Weight	1.6 kg (Approx.)

Note: Due to continuous product improvements, Published specifications may change with out notice

### Standard Delivery

1. Basic Instrument
2. Platinum Conductivity Cell
3. Electrode Clamp & stand set
4. Instruction manual

### Optional

1. Imported certified Standard Solution



## SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879  
( Thermal, Mechanical, Electro-Technical, Dimension Parameters )

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