

ONLINE TDS / CONDUCTIVITY INDICATOR

Model : TDSI 642



INTRODUCTION

SANSEL make TDS 642 indicator is extremely useful for fast and accurate determination of total dissolved solids or conductivity in a liquid. The use of solid state technology and IC circuitry makes this instrument versatile and reliable.

The factory set fixed range is available. The instrument is ideal for testing of natural water, drinking water, waste water, brine solution and sea water, etc.,.

APPLICATIONS

- Drinking water
- RO Water Treatment
- Sewage water
- Pharmaceutical
- Plating
- Healthcare, etc.,.

FEATURES

- ✓ 3½ Digit seven segment LED display
- ✓ Wide ranges
- ✓ Front zero & span calibration
- ✓ ± 1 % of FS accuracy
- ✓ Compact size
- ✓ Easy mount
- ✓ Variety of electrode fittings
- ✓ 90 to 270V AC /50Hz operating supply

TECHNICAL SPECIFICATIONS

Model	TDSI 642
Display	3½ Digit 0.5" seven segment LED display
Range	TDS- 0 - 20 ppm / 0 - 200 ppm / 0 - 2000 ppm / 0 - 20 ppt / 0 - 200 ppt (any one) Conductivity- 0 - 20 µs / 0 - 200 µs / 0 - 2000 µs 0 - 20 mS / 0 - 200 mS
Accuracy	± 1 % FS ± 1 digit
Resolution	Minimum 0.01 ppm (depends up on range)
Cell constant	0.1 (or) 1 (factory presentable)
Input connection	Terminal
Operating environment	0 - 50°C / 20 to 95 % RH non condensing
Power supply	90 to 270V AC / 50Hz
Dimension	48 x 96 x 65 mm
Cutout dimension	44 x 92 mm
Weight	170 grams

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

Standard Delivery

1. Basic Instrument
2. Panel mount Clamp set
3. Instruction manual

Optional

1. TDS Electrode with PP adapter for easy pipe line fitting
2. Imported certified Standard buffer Solution
3. Pipe line Flow Through assembly of "L" type PVC setup for electrode for Tank installation.

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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