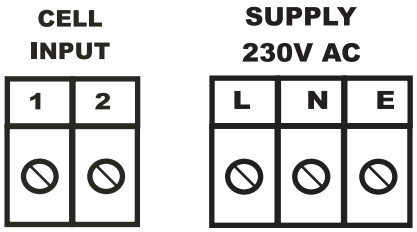
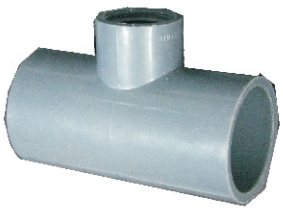
1. Specification

INPUT RANGE	0 - 20 ppm, 0 - 200 ppm, 0 TO 2000 ppm, 0 - 20 ppt, 0 - 200 ppt, 0 - 20µS, 0 -200µS, 0 - 2000µS, 0 - 20mS, 0 - 200mS (any one)
CALIBRATION	zero & span
DISPLAY	4 DIGITS 0.5" 7 SEGMENT LED DISPLAY
POWER SUPPLY	230V AC
FREQUENCY	50/60Hz
INPUT CONNECTION	TERMINAL FOR TDS ELECTRODE
OPERATING TEMPERATURE	0 - 50 ° C (32 ° F TO 122 ° F)/ 5 - 95 % Rh
OVER ALL DIMENSION	48(H) X 96(W) X 110(D) mm
CUT OUT DIMENSION	44(H) X 92(W) mm
WEIGHT	500 grams(Approxi.)

2. Terminal Arrangement





3. Operation procedure

1. Check the power supply for the proper phase , neutral and earth.
2. Proper conditional of the glass(conductivity) electrode must be done.(refer instructions of electrode maintenance)
3. Keep the main switch "OFF".
4. Connect the electrode terminal connector in the respective terminal.
5. Now power "On"the instrument with 230V AC, 50 Hz, with good grounding. If grounding is not proper , connect separate lead from the earth terminal which is on the back terminal.
6. Switch "ON" the instrument.
7. Take a fresh standard solution of 0 ppm dip the electrode in the solution after thoroughly washing the electrode with distilled water and drying with filter or tissue paper. If it is a correct 0ppm read, adjust 0 ppm using the front "ZERO" pot using small screw driver to set the value after a few minutes.

7.Take a fresh standard solution of 1000 ppm dip the electrode in the solution after thoroughly washing the electrode with distilled water and drying with filter or tissue paper. If it is a correct 1000ppm read, adjust 1000 ppm using the front "SPAN" pot using small screw driver to set the value after a few minutes.

8.Take a sample unknown solution and dip the electrode in the solution after thoroughly washing the electrode with distilled water and drying with filter or tissue paper.

4. Instruction for electrode

After use , the Conductivity cell must be thoroughly washed and immersed in the distilled water. If the platinum electrodes are directly in touch with the deposits, the cell may be washed by cleaning in 50% detergent solution and scrubbing it with very fine brush. For more tenacious deposits, 2% solution of HCL may be used. Ensure that the platinization of the electrode is not damaged.

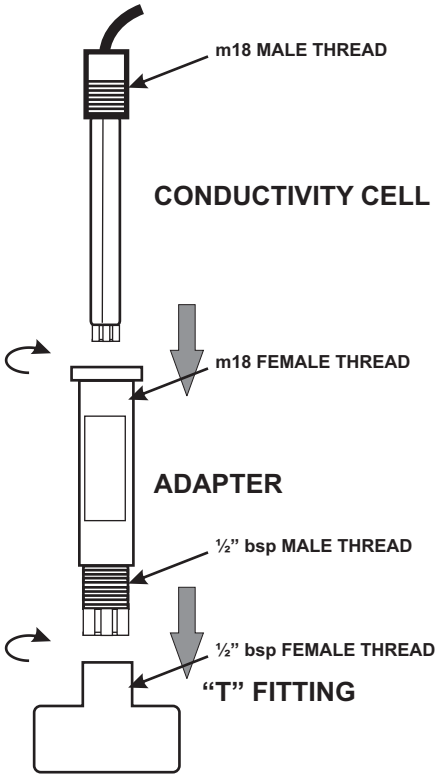
Activation

Replating is required if the metional cell constant is not obtained.

Storage

Store Dry

⚠ **Caution : Electrode will get permanantly damaged if wrong solution are used.**



For further clarification kindly contact us.

SANSEL™
SANSEL INSTRUMENTS AND CONTROLS
1/46, GANGA NAGAR, TNHB COLONY,MADURAVOIL,
CHENNAI - 600 095, TAMIL NADU, INDIA
PH : +91 - 44 - 23783951, E MAIL : enquiry@sansel.net
WEBSITE : www.sansel.net