

SPECIFICATIONS

Model	Resolution	Range
TDS-1	1 x 10 ppm	10 to 1990
TDS-2	1 x 100 ppm	100 to 19900
TDS-3	1 x 10 uS	10 to 1990
TDS-4	1 x 100 uS	100 to 19900

Accuracy : $\pm 2\%$ (full scale)

Battery : 4 x 1.5V
button cell
(Alkaline A76 or
equivalent)

Battery life : Approx. 100 hours

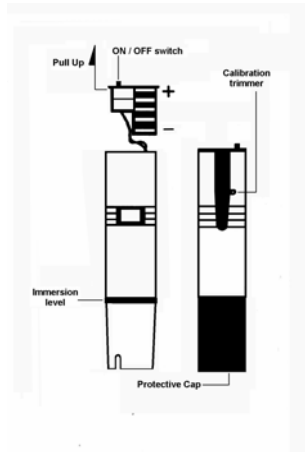
Operating
temperature : 0° to 50°C

Temperature
compensation : Automatic

Size (LxWxH): 147 x 32 x 15mm

Weight : Approx. 50 gm

PRODUCT LAYOUT



OPERATION

- Remove protective cap from bottom (See product layout)
- To switch on the unit, slide the 'ON/OFF' switch located on top of the tester to 'ON'.
- Dip tester into sample solution up to the immersion level as shown.
- Stir gently to remove bubbles and wait for 2 minutes so as to allow a full temperature compensation before readout.
- Multiply reading according to the display resolution.
- Always rinse with distilled water, blot dry before and after each test.
- Switch off the tester and replace protective cap before storing away.

NOTES:

In the presence of certain radio transmitters, this product may produce erroneous readings.

If this occurs then measurements should be repeated at another location.

CALIBRATIONS

It is recommended to check meter every six months for accuracy.

1. To perform this check, dip the tester in Standard Calibration solution.
Order Code : 2020 for TDS-1
Order Code : 2100 for TDS-2 **Order Code : 2010 for TDS-3**
Order Code : 2100 for TDS-4
2. Stir gently to remove bubbles and wait for reading to stabilize.
3. With the use of a small screw driver, locate the "Calibration trimmer" at the back of the tester (see product layout) and trim it to read as below:
TDS-1=138 **TDS-2=64**
TDS-3=141 **TDS-4=129**
4. Rinse tester with distilled water.

Calibration is now complete.

MAINTENANCE

- Replace all four batteries if the display becomes faint or disappears. Pull out the battery case (see layout) and replace batteries accordingly.
- If pin electrode is dirty, clean by rinsing it in alcohol for a few minutes.
- Do not touch or scratch the pin electrode.

APPLICATION

- Home water purifier maintenance
- Pools and Spas maintenance
- Photograph development chemical test
- Waste water, sewage treatment
- Aquariums, Aqua-culture
- Agriculture, gardening, Hydroponic
- Clinics & health care
- Cooling & Boilers water
- Chemical industry
- Food industry
- Wood and pulp industry

OTHER PRODUCTS

Order Code	Range
pH PAL	: 0.0~14.0pH
pH PRO	: 0.00~14.00pH
REDOX PAL	: -999 ~+999mV
TDS CHECK	: 10~1990ppm (Direct reading)
WATER PAL	: 0~800ppm
WATER PRO	: 0~9990ppm
Pure Water(ppm)	: 0.0~99.9ppm
Pure Water (μ S)	: 0.0~99.9 μ S
EC Check	: 0.0~19.9 EC
cF Check	: 0~199 cF

TDS PAL

Quality in Water Test & Analysis