indiaoffice@lovibond.in · www.lovibond.in

Lovibond® Water Testing
Tintometer® Group



Lovibond® Pocket Testers

The Lovibond® pH1& EC1 Pocket testers are simple to use, accurate, reliable handheld meters to test the quality of water. They are compact, light weight and portable, ideal for field use as well as in the labs.

Lovibond® EC1 — Pocket EC / TDS / Salinity Tester

Measures EC, TDS, Salinity, & Temperature- 4 in 1 Meter
Why carry separate testers when one compact instrument can handle the essentials?

With ±0.2% FS stated EC/TDS accuracy, TDS measurement up to 13.00 ppt, temperature measurement up to 90°C, and a user-replaceable sensor, EC1 is built for quick checks for water quality testing.

Lovibond® pH1 — Pocket pH / Temperature Meter

−2.00 to 16.00 pH
0.01 pH resolution
±0.01 pH + 1 digit accuracy

pH1 is designed for users who want the convenience of a pocket tester without compromising on the measurements that matter.

Its flat, robust, user-replaceable electrode, IP57 protection and 0–90°C temperature capability make pH1 a practical companion for routine field and process checks.

Drinking Water | Waste Water | Industrial Water | Cooling & Boiler Water | AquaCulture | Pools | Ground Water | Hydroponics | Academia

Built to go where your samples go.

Specifications	Lovibond® EC1
Parameters	EC, TDS, Salinity, Temperature
EC Range	0–2000 µS/cm; 2.00–20.00 mS/cm
EC Resolution	1 µS / 0.01 mS
EC Accuracy	±0.2% FS
TDS Range	0–1300 ppm; 1.30–13.00 ppt
TDS Accuracy	±0.2% FS
Salinity Measurement	Yes
Salinity Resolution	1 ppm or 0.01 ppt
Salinity Range	0–1000 ppm; 1.00–12.00 ppt
Salinity Accuracy	±0.2% FS
Temperature Range	0–90°C
Temperature Resolution	0.1°C
Temperature Accuracy	±0.2°C + 1 digit
ATC	Yes, 0–50°C
Battery Life	2.0% per °C referenced to 25 °C
EC Calibration	0 uS, 84 uS, 1413 uS, 12.88mS, automatic
TDS Conversion Factor	The default factor is 0.66, and users can change it in the software from 0.50 to 1.00
Auto-ranging	Yes
Waterproof Rating	IP57
Floats in water	Yes
Data Hold	Yes
Max / Min Display	Yes
Replaceable Sensor	Yes- silver
Sensor Material	Platinum black plated silver
Battery Life	Approx. 100 h
Auto Power Off	Available
Weight	74 g without battery*

ORDER CODE: IN720030-EC1

What makes EC1 worth a closer look?

- 4 parameters in 1- EC, TDS, Salinity & Temperature
- Waterproof IP-57 standard
- Rugged design for field use
- Floats on Water
- Automatic Temperature Compensation (ATC)
- Maximum/Minimum Value and Data hold
- Light Weight and easy to Carry
- EC, TDS & Salinity Accuracy ±0.2% FS
- TDS Range 0–1300 ppm; 1.30–13.00 ppt
- Tempertaure Range 0–90°C
- Temperature Accuracy ±0.2°C
- Salinity Range 0–1000 ppm; 1.00–12.00 ppt
- Auto Calibration

The pocket tester you may end up using more than you expected.

Specifications	Lovibond® pH1
Measurement Parameters	pH + Temperature
pH Range	-2.00 to 16.00 pH
pH Resolution	0.01 pH
pH Accuracy	±0.01 pH + 1 digit
Calibration Points	1, 2 or 3 point
Calibration Buffers	pH 4.00, 7.00, 10.01
Temperature Range	0 to 90.0°C
Temperature Resolution	0.1°C
Temperature Accuracy	±0.2°C + 1 digit
ATC	0–90°C
Temperature Display	°C / °F switchable
Waterproof Rating	IP57
Floats on Water	Yes
Data Hold / Hold Function	Yes
Max / Min Display	Yes
Stability Indicator	Yes
Battery Indicator	Battery-life display
Auto Power Off	After 10 min
Battery Life	250 hours (Average)
Sensor / Electrode	Flat electrode
User-Replaceable Sensor	Yes
ORP / Redox Option	Yes, optional RE1P: -1000 to +1000 mV
Dimensions	195 × 40 × 36 mm
Weight	85 g without Batteries

ORDER CODE: IN720010-pH1

What makes pH1 the best pH meter?

- pH & Temperature
- pH Range -2.00 to 16.00 pH
- Waterproof IP-57 standard
- Rugged design for field use
- Floats on Water
- Automatic Temperature Compensation (ATC)
- Maximum/Minimum Value and Data hold
- Light Weight and easy to carry
- Flat Electrode offering larger surface area, improved accuracy, and stable potential
- Tempertaure Range 0–90°C
- Temperature Accuracy ±0.2°C
- Optional ORP elcetrode available

When the reading matters, carry a meter you can trust.

Tintometer India Pvt. Ltd.
Door No. 7-2-C-14
Sanathnagar IE | Hyderabad-500018, India

Tel: 1800 102 3891
indiaoffice@lovibond.in
www.lovibond.in

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