



If you require help with controlling your pools pH levels please go to this link: - <http://www.poolmanual.com/manual/ph.html>

This is a great tool for when you need to test your swimming pool/pond or aquarium pH. It is a fast and accurate meter. What you save in buying **drop** type test kits will more than pay for this meter! And those kits are not usually very accurate. You will never have to guess which colour the **ph Strips** are closest to! It is fast and simple to use. Just dip it in the pond, aquarium or swimming pool and read the reading on the digital display in just a few seconds. This unit comes in a sturdy clear plastic case with calibration screwdriver and users guide!

This PH Meter is ideal for Aquariums, Aquacultures, Beverages, Fish Hatcheries, Food Processing, Laboratory, Paper Industry, Swimming Pool, School & colleges.

Specifications:

- Range --- 0.0 to 14.0 pH.
- Resolution --- 0.1 pH.
- Accuracy --- +/- 0.1 pH.
- Calibration --- Manual, 1 point.

Temperature Compensation:

Automatic, 0 to 50°C (32 to 122°F).

Environment: RH 95% Max.
0 to 50°C (32 to 122°F).

Battery Type: 4 x 1.5V Alkaline.

Battery Life:
Approx. 150 hours of use.

Dimensions: 152 x 30 x 21mm.
(5.9 x 1.2 x 0.8")

Weight: 50g

Warranty: 12 months

- Any number below 7.0 represents an acidic condition of water (low pH).
- 7.0 is neutral
- Any number above 7.0 represents an alkaline condition of water (high pH).

Although 7.0 is considered "neutral" for drinking water, it is not ideal for pool water. The ideal pH range is 7.2 - 7.8, which is slightly alkaline. Therefore, for a swimming pool, the pH scale has to be revised:

- A pH level below 7.19 will be considered acidic (having a low pH)
- A pH level between 7.2 - 7.8 is ideal for a pool
- A pH level above 7.81 will be considered alkaline (having a high pH).

PROBLEMS RESULTING FROM HIGH pH: If the pH of your pool is high, these problems will occur:

- Cloudy water.
- Scale formation on the pool walls, floor, plumbing and equipment.
- Short filler runs and overall poor filtration - primarily due to scale that is deposited inside the plumbing, which restricts water circulation.
- Minimizes the effectiveness of chlorine (or its alternative).

- Poor chlorine (or its alternative) efficiency - high pH not only prevents chlorine (or its alternative) from working to its fullest capacity, but it will also cause you to use more chlorine (or its alternative). The high level of pH actually deteriorates the chlorine (or its alternative) before it can engage in its intended purpose.
- A greater potential for algae growth.
- Eye and skin irritation.

PROBLEMS RESULTING FROM LOW pH: If the pH of your pool is too low, these problems will occur:

- Dissolved metallic parts of your pool (walls, floor, hand rails, ladders, light fixtures, and equipment). This could even lead to discoloured water or stains on the pool walls and floor.
- Stained and etched concrete in concrete pools.
- Stained and etched plaster in gunite or shotcrete pools.
- Stained liner in vinyl-liner pools.
- Blistering or delamination of fibreglass in fibreglass pools.
- Minimizes the effectiveness of Alkalinity controlling chemicals.
- Minimizes the effectiveness of chlorine (or its alternative).
- Eye and skin irritation

Require further help: -

Please refer to our "Water Maintenance Levels" link on the web sites below.

www.purepool.co.uk

www.purepoolincrete.com

www.cheshire.luxurypools.co.uk

www.crystalclearpool.co.uk

Registered office – Hamilton Lodge, 58 Queens Rd, Chadderton, Oldham, OL9-9HU. Tel. No. 0161 345 1110.

For any further help contact:

England: - Garry/Ray, 0844 884 9519/0161 345 1110.

Crete: - Gerwyn: - Home: 0030 2824301192 Mobile: 0030 6945801044.