



## Lovibond® Tintometer® - Top Tips for a Pristine Pool

*To ensure optimum bather comfort and crystal clear pool water, testing must be performed at regular intervals using recognised and accurate testing systems.*

The essential routine tests are the disinfectant levels (normally Chlorine or Bromine), pH, Total Alkalinity and Calcium Hardness - but why are these important?

Chlorine and Bromine – maintaining these levels ensures sufficient free or active disinfectant to guarantee adequate ‘killing’. Low levels may result in bacteria surviving in the water and infections occurring. Especially after or during heavy usage, disinfectant levels become quickly exhausted.

pH – this measures the acid or alkaline level of the pool which, if extreme, can cause irritation to the swimmer. The effectiveness of Chlorine and Bromine is also pH dependent. It is recommended that pH levels are kept between 7.2 – 7.6.

Total Alkalinity – (not to be confused with pH) is the measurement of the alkaline dissolved salts and this acts a buffer in the water. Low Alkalinity can result in “pH bounce” - swings in pH occurring every time chemicals are added. High Alkalinity makes the water highly buffered and complicates the pH control.

Calcium Hardness – affects the pool’s condition. When too high, calcium deposits form, giving a ‘matt’ appearance to surfaces such as tiles and pool surround. When too low, the water looks for calcium, potentially removing calcium content from other materials eg concrete and grout.

Lovibond® Tintometer® has been a leading supplier of pool water testing equipment for over 50 years. The company offers a wide range of testing equipment to meet every application and pocket. The range includes simple block testers through to photometer-based digital systems. The newest addition is the MD100 PoolControl Range which comprises two models – MD100 3in1 for Chlorine and pH, MD100 6in1 for Chlorine, pH, Bromine, Total Alkalinity and Calcium Hardness. Both units are fully water proof, easy-to-use and supplied in a rugged carrying case with all necessary reagents and accessories to keep your pool pristine.