

LIQUID CONTROLS (AUST.) PTY LTD

Trade Waste Treatment

pH Correction System

Liquid Controls (Aust) Pty Ltd has designed this system to automatically control the pH level within an effluent treatment tank to preset levels.

Incoming effluent is sensed by a pH electrode mounted in the treatment tank or sample manifold with the corresponding pH reading displayed on the Liquitronics® Controller. If the effluent is below set point (eg. pH 6.5) the alkaline pump will activate, pumping a metered amount of alkaline solution into the treatment tank. Once the set point has been reached the pump will turn off. The same applies if the pH rises above the upper set point, activating the acid metering pump.

An air pump may be used to agitate the effluent and ensure accurate readings once the alkaline/ acid has been added.

A Dual pH Controller (Model LPH-200) or pH Controller/Monitor/Recorder (Model MCD-200) is used for the pH control. The second model, MCD-200, incorporates the LD Series Data Logger/Retriever and an audible alarm.



MCD 200 Series pH Controller / Monitor / Data Logger and Polyethylene Chemical Storage Tank fitted with Chemical Pump and Agitator.

Laboratory “Under Sink” pH Correction System

- This system is designed for installation under a laboratory sink, to capture and treat waste prior to discharge into the sewer.
- Tank constructed from PVC, Poly Propylene or Stainless Steel.
- pH Electrode, mounted on top of unit, can be easily removed.
- Sample Points mounted on either end of tank.
- Designed for use with LPH-200 dual pH Controller
Or MCD-200 pH Controller/Monitor/Recorder.

