

CHEMICAL DOSING UNIT (CDU)



The Chemical Dosing Unit (CDU) is a pH correction system used to treat contaminated water with a high or low pH and high Total Titratable Acidity (TTA) levels. The CDU is also used primarily to treat water from Acid Sulphate Soil landscapes, but can also be used to treat ammonia, for disinfection and subsequent dechlorination of water mains, for clarification of lakes and other water bodies, for dispersal of pest-control measures in waterways, and more. Compact and smart wired (results are remotely accessible 24/7), the solar powered units require a small footprint but deliver big results.

TECHNICAL DATA

Dimensions (L x W x H)	2000mm x 2000mm x 2000xx
Gross Weight	2500kg
Chemicals	Sodium Hydroxide or, Sulphuric Acid or, Sodium Hypochlorite
Max Flow	60 L/s
Max Chemical	1000 L
Max Bund Capacity	1200 L
Containment	10' Shipping Container, Fully Enclosed & Lockable
Operating System	Solar Powered, onboard pH control with telemetry

KEY FEATURES

- Fully automated chemical dosing system
- Web-based remote monitoring and adjustment
- Fully insulated and ventilated
- Fully bunded chemical storage
- Eye wash station and chemical handling PPE
- Solar powered
- Self-contained and Portable
- 24/7 monitored alarm system
- Custom built to suit project specific requirements
- Easy to adjust pH dosing unit
- Fully Lockable

