

CHEMICAL DOSING UNIT PLUS (CDU+)



The Chemical Dosing Unit Plus (CDU+) is a pH and turbidity correction system used to treat extracted groundwater with a high or low pH, high turbidity and Total Titratable Acid (TTA) levels. It does this by adding calibrated amounts of pH modifiers (acids/bases) and flocculants/coagulants to the effluent stream. When used in conjunction with a clarifier, it is also highly adept at dealing with turbid, site surface water runoff volumes, prior to them reaching stormwater systems and waterways.

While the primary capability of the CDU+ is to successfully treat water from Acid Sulphate Soil landscapes, it can also be used to treat waters impacted by 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 compact, solar-powered units deliver big results

TECHNICAL DATA

Type	Chemical Dosing Unit
Min Flow	1 L/s
Max Flow	60 L/s
Max Chemical Capacity	1500L
Max Bund Capacity	1800L
Internal Pipe Diameter	150mm
Containment	Fully enclosed & lockable
Operating System	Solar Powered
Dry Weight	2250kg
Gross Weight	3750kg
Dimensions LxWxH	2430 x 2200 x 2400mm

KEY FEATURES

- Fully automated chemical dosing system
- Web-based remote monitoring and adjustment
- Fully insulated
- 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
- Adjustable set points for turbidity control
- Fully Lockable

