



A portable fully enclosed chemical dosing system comprising a weatherproof polyethylene rotationally moulded enclosure fitted with high quality digital dosing pumps complete with control valves, leak detection switch and can be configured with a controller/timer unit.











### Uses

Designed primarily for temporary or emergency use to dose Chemical from an IBC or other existing storage vessel. The DosingCube™ can also be used as an interchangeable modular system for permanent dosing systems.

### DosingCube™ customisation

WES DosingCube™ is a versatile, safe and secure system that can be fully configured to specific customer/industry requirements including customer or chemical specific colour options and logos.

### Key Features

-  Bundled
-  Lightweight
-  Compact
-  Low Power
-  12 Warranty
-  Certified
-  DD Digital Dosing
-  Plug & Play
-  Customer Support
-  Service Options



### Features

- **Polyethylene enclosure** – IP54 rated with integral drip-tray, resistant to most chemicals, lockable toggle catch closure, carrying handles, clear window.
- **High quality digital dosing pump** allowing direct operator entry of dose rate. Also, allowing manual or auto operation modes with direct input of pulse or 4-20mA flow proportional control signals.
- **Dual contained pipework connections** – suction & delivery pipework can be dual contained with the outer sleeves connected directly to the DosingCube™. Any pipework leakage is detected by the switch in the drip tray.
- **Controller/timer** – allows chemical dosing to be started/stopped at pre-set times. All DosingCube™ are dual voltage 110 or 240V – 110V plug on flying lead supplied as standard.
- **Accessories** – a full range of accessories including timers, duty/standby controllers, suction & delivery hoses, suction lances, foot valves, injectors, support brackets, IBC's, IBC bunds, storage tanks, unit vent fans, audible visual alarms, etc. are available.
- **Configuration variants** – The DosingCube™ standard models (shown below) are the most common configurations and used predominantly in water industry applications. Other variants include chemical transfer units when fitted with an air operated diaphragm pump or used as a point of application dual containment enclosure and fitted with flow switches, load valves, etc.

Technical Specifications	DosingCube™ – Water industry variants		
Product name	DC2.5 – DC30	DC60	DC150
Dimensions mm (W x D x H)	450 x 450 x 480		
Weight kg	14	23	24
Dosing Line	Various options	19 x 13 reinforced PVC hose	
Secondary containment	19 mm ID reinforced PVC hose	25 ID reinforced PVC hose	
Material of construction	Polyethylene Enclosure, uPVC valves, pipes & uPVC/PP pump head Other valve & pipe materials available		
Operating voltage	Dual – 240 or 110 VAC (110V plug on lead supplied as standard)		
Control	Various automatic control options are available through the digital pump I/O connections Further in-built timers/controllers also available		
Bund/Drip tray	The DosingCube™ itself forms a bund, which incorporates a level switch for leak detection The pump is turned off if a leak is detected		
DosingCube™ customisation	The DosingCube™ can be customised to your own specification: Pump type, materials of construction, additional safety features such as safety guards, bund spill alarms, pump protection, plus many other features, "your company" livery / logo?		

Digital Dosing Pump	Pump Options		
Dose rate capacity l/hr	11 variants from 0.0025 l/hr up to 30 l/hr max.	0.075—60 l/hr	0.2—150 l/hr
Back pressure (bar)	3—20	10	4
Suction Lift (m) max	6		
Head material	Standard uPVC or PP with options of PVDF/SS	Standard uPVC with options of PP/PVDF/SS	
Turn down ratio	3000:1	800:1	800:1
Flow displayed	Yes		

