Dosing Units

Product Guide

www.omexenvironmental.com

Dosing Units

Commissioning, Installation & Delivery

OMEX supply a wide range of dosing units to dose a wide range of products. OMEX's standard dosing units for sodium and calcium nitrate solutions, range from 1400 Litres to 10,000 Litres in duty, duty standby and duty assist configurations. Profile dosing and telemetry connections are supported with septicity modelling also available for every project on request.

OMEX will visit a site and ascertain dosing requirements to provide the optimum dosing system. The complete unit is delivered on site and supplied with a commissioning fill of OMEX product. OMEX's dosing units are easy to install and maintain.

All that is needed for installation is a suitable flat surface or plinth for the unit, a power supply and means of getting the dosing line to the wet well. The dosing pump is equipped with a fully programmable timer system to enable a range of dosing rates which is also set during installation.

Dosing Units

Standard range available in:

- 1400l
- 2500l
- 6000l
- 10,000l

We can also provide 1350l slimline, 3500l and 15,000l units on request plus options on extra cabinets, pump types and pump configurations.

Standard Specifications

Our standard units feature the following basic specifications:

- Bunded Polyethylene tank to 1.5 sg
- 110% bunded capacity
- 2” Camlock fill point
- Prominent Digital dose pump/s (6000 & 10,000 twin pump, duty/assist)
- Pulsar Ultrasonic level detection
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Telemetry enabled for :

- Pump fault
- Bund high level/s
- Tank level (4-20 ma)
- Reorder level
- Low level
- Echo loss

IBC and Drum Dosing

The OMEX IBC Dosing System is now available providing all of the functionality and benefits of a full dosing system but the logistical benefits, versatility and flexibility of dosing from a standard IBC or even 200L drum. The OMEX unit can be loaded via front entry with a forklift truck or via an opening roof system with a lorry mounted crane, for sites without handling equipment. These units can be supplied to dose virtually any chemical with a wide variety of pump, agitation and level detection options to suit a vast amount of applications.

For extremely small dose rate requirements from 20 Litre drums, OMEX can provide various pump options for compact, robust, accurate and cost-effective means of dosing with a Dose Stand. This, along with the OMEX pump box for pump and burst protection in entry level applications will be launching soon. We can provide a full spec IBC dosing unit with separate integrated electrical and dose pump compartments, float suction chamber for total emptying, level control , bund alarm, telemetry and front and overhead loading capacity.

For Trials or Entry level Solutions we offer a covered IBC bund. This is a raised bund, plastic rain and security cover with lockable doors. This can be used in conjunction with our Pump Protection boxes for all commodities including Magmex 706. The large Pump Protection box is for use with mono pumps and an IBC Hanger for attaching to the pump box is also available.

Dose stand for 20l Drums

Made from black 10mm PVC
Supplied flat pack stand, box assembled, pump not installed, this can be done at extra cost.
Use in conjunction with Pump Protection Box.

Includes;
- Digital dose pump
- Suction assembly with cut off float switch
- Removable drip tray

Contains 2 x 20l drums
Dosing accurate to the ml/hour

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