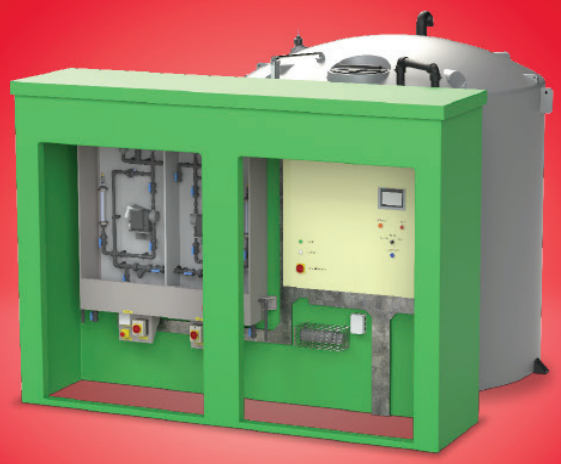
DUTYPOINT



Chemical dosing systems

A smart, WIMES-compliant, scalable solution for full system control

High value solutions

Our modular, DfMA-optimised, WIMES-compliant dosing systems are available as standalone rigs or integrated walk-in kiosks, adaptable to varied site needs.

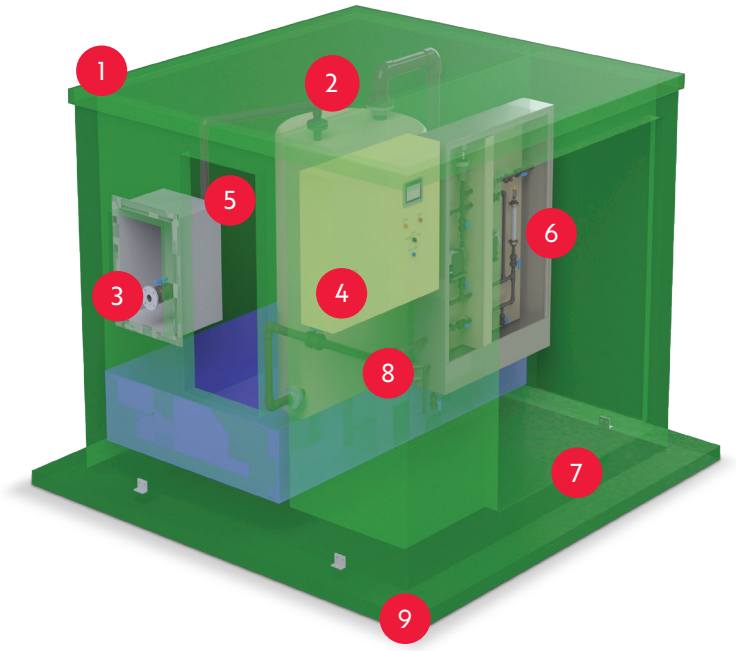
Featuring precision metering pumps, factory-tested assemblies, and built-in diagnostics, each unit enables plug-and-play installation and delivering accurate dosing, robust control, and long-term peace of mind.

These systems are suitable for dosing a wide range of chemicals, including:

- Ferric Sulphate
- Orthophosphoric Acid
- Sodium Bisulphate
- Antifoam
- Ferric Chloride
- Sodium Hydroxide
- Aluminium Sulphate

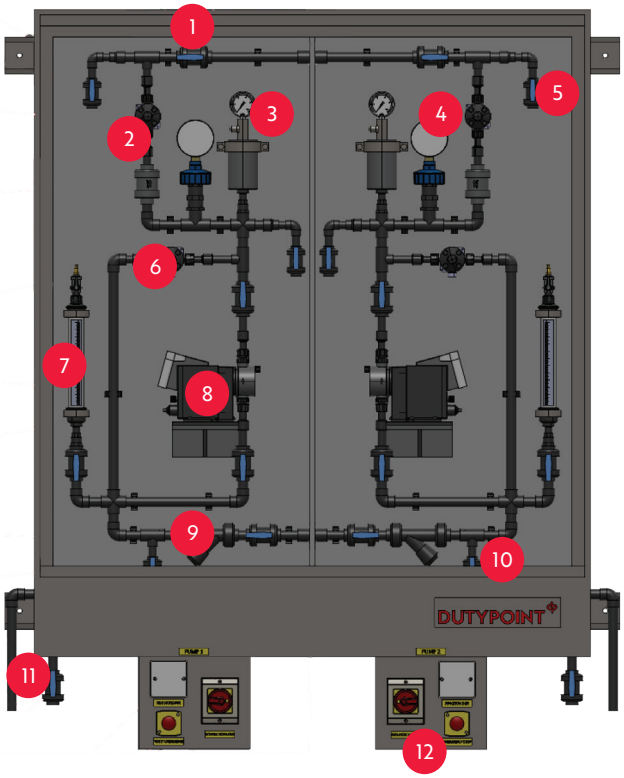
Walk-in kiosk features

1. GRP walk-in kiosk (approx. 3 m x 3 m x 2.5 m)
2. Integrated bunded tank
3. Segregated fill point enclosure
4. Integrated local control panel with HMI
5. Tank fill pipework with cabinet
6. Complete dosing rig
7. Accessible walk-in entrance
8. Dosing feed pipework from tank
9. Prepped concrete base



For more information, call our experts today on 01452 300110 or visit www.dutypoint.com

Dosing rig module



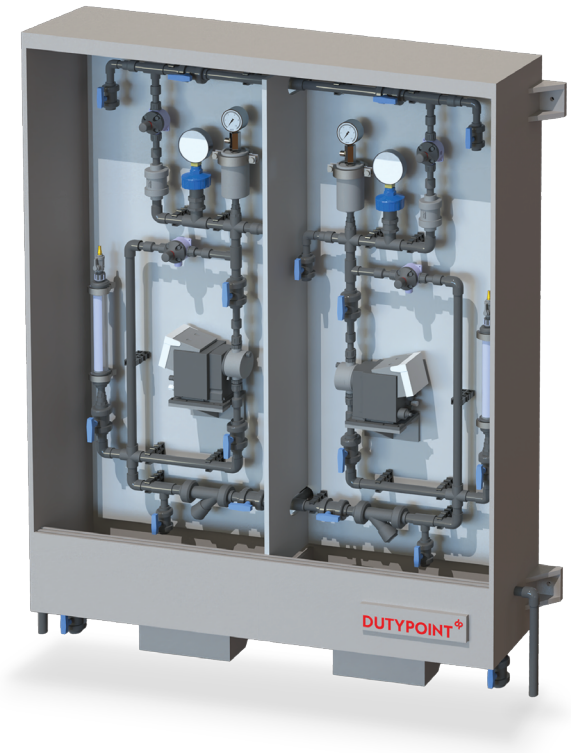
1. Isolation valves
2. Pressure loading valve
3. Pulsation dampener
4. Pressure gauge with guard
5. Calibration tube fill valve
6. Pressure relief valve
7. Calibration cylinder
8. Digital dosing pump
9. Y strainer
10. Drain point
11. Bund overflow and drain
12. Pump emergency stop and power isolation

Digital dosing pumps

High spec diaphragm pumps (digital dosing), in Duty/Standby configuration, offered as standard.

- Turndown ratio up to 1:3000 for precise flow control
- Dosing flow rates from 0.0025 to 30 l/h, depending on model
- Maximum counter pressure of 4 to 16 bar, model-dependent
- Suction lift up to 6m under ideal conditions (1 m recommended for full rated performance)
- Integrated full fault diagnostics and flow control monitoring
- Each pump in a segregated pump enclosure

Peristaltic pumps can also be offered, based on requirements.



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