

Sodium Hypochlorite Dosing Sets

Carter Pumps supply and install sodium hypochlorite dosing sets. Sodium hypochlorite dosing is a very effective method of disinfecting a private water supply against bacteria, viruses, algae and fungi.

By adding sodium hypochlorite to water, hypochlorous acid is formed. Hypochlorous acid is part hydrochloric acid and part oxygen. The oxygen atom is a strong oxidator. Sodium hypochlorite is effective against bacteria, viruses and fungi, it disinfects the same way as chlorine.



The volume of sodium hypochlorite solution injected is measured very accurately by the digital dosing pump which doses based on a signal received from a pulse flow meter.

Thus the correct chemical dose is administered even as flow varies.



1000 litre bunded dosing tank



500 litre dosing tank

Our standard Sodium Hypochlorite Dosing Sets include...

- 100 litre MDPE tank
- 120 litre MDPE bund
- Digital Dosing pump
- Suitably sized pulse water meter
- Injector, tubing and cables



Carter Pumps can provide a maintenance contract to ensure safe and effective operation of your dosing set.

During the scheduled visit, amongst other key checks, we monitor the free chlorine levels to ensure disinfection is taking place.

We can supply a simple test meter and reagent strips that enables you to keep track of the levels of free chlorine between our visits.

Carter Pumps can also help with . . .

Water analysis.

Water treatment. Including nitrate removal, softening, particulate filtration, UV sterilisation

Booster sets

Water storage tanks

Installation service

Maintenance contracts

Telemetry systems



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