

# Chemical Dosing & Controllers

Granudos

Controllers

Chemical Storage

**Granudos 10-S4**

Swimming pool disinfection system using IQ Granu-Chlor 700 granulated Calcium Hypochlorite and IQ Granu-cid acid controlled manually or by any external control system with an on/off output.

IQ Granu-Chlor 700 granulated Calcium Hypochlorite is dosed directly from the integrated hopper. IQ Granu-cid acid is dosed within the system from the container to correct the pH and to aid in cleaning. IQ Granu-Chlor 700 Calcium Hypochlorite and IQ Granu-cid are dosed separately at intervals to the dissolving system from where the very low concentrated chlorine solution is conveyed by a venturi nozzle to the pool water. Unit is self cleaning.

**Housing**

Solid one part rotational sintered blue PE shape containing all functional parts

Suitable for Pools: 1,000 - 400,000 ltrs

Hopper Size: 15 kg

Chlorine max output: 2 kg/h

Acid max output: 1 l/h

Dimensions: 80 x 60 x 50 cm (H x W x D)

Weight: approx. 35 kg

Power: 230 VAC single phase, 0.3 kW

Supply Pressure: 0.2-1.5 bar

Counter Pressure: 0-1.5 bar dependent on supply pressure water flow with booster pump: approx. 800 l/h at 1.2 bar

Code: GCSH8115

**Granudos 45-S4 & 100-S4**

IQ Granu-Chlor 700 granulated Calcium Hypochlorite is dosed directly from the integrated hopper. IQ Granu-cid acid is dosed within the system from the container to correct the pH and to aid in cleaning. IQ Granu-Chlor 700 Calcium Hypochlorite and IQ Granu-cid are dosed separately at intervals to the dissolving system from where the very low concentrated chlorine solution is conveyed by a venturi nozzle to the pool water. Unit is self cleaning.

**Drum Support**

Rotating drum carrier steel, zinc and blue powder coated, drum fixing device with clamp bands and safety belt.

**45-S4**

Suitable for Pools: 400,000 - 750,000 ltrs

Chlorine max output: 4 kg/h

Acid max output: 2 l/h

Code: GCSH8045

**100-S4**

Suitable for Pools: 500,000 - 4,000,000 ltrs

Chlorine max output: 8 kg/h

Acid max output: 3.5 l/h

Code: GCSH8100

Dimensions: 130 x 60 x 70 cm (H x W x D)

Weight: approx. 50 kgs

Power: 230 VAC single phase, 0.3 kW

Supply Pressure: 0.2-1.5 bar

Counter Pressure: 0-1.5 bar dependent on supply pressure water flow with booster pump approx. 1000 l/h at 1.2 bar



## Granudos

### Granudos 10 TOP

Swimming pool disinfection system using IQ Granu-Chlor 700 granulated Calcium Hypochlorite and IQ Granu-cid acid with flocculant dosing controlled by TOP CONTROL MC for free chlorine, pH, redox and temperature.

IQ Granu-Chlor 700 granulated Calcium Hypochlorite is dosed directly from the integrated hopper. IQ Granu-cid acid is dosed within the system from the container to correct the pH and to avoid scaling. IQ Granu-Chlor 700 Calcium Hypochlorite and IQ Granu-cid are dosed separately at intervals to the dissolving system from where the very low concentrated chlorine solution is conveyed by a venturi nozzle to the pool water. Unit is self cleaning.

#### Housing

Blue sintered poly ethylene. All functional parts situated to be easily reached for maintenance. Tub for spilling water with drain. The measuring cell as the peristaltic dosing pumps are mounted at the front wall for ease handling and are protected by a transparent cover.

#### Control System

LED indications for the measured values. All parameters to control the measuring, dosing and monitoring system are simple to handle by a turn push key and a 4 line display. Chlorine and redox electrodes self cleaning. Monitoring of probe water flow.

Suitable for Pools: 10,000 – 400,000 ltrs  
Chlorine max output: 2 kg/h  
Acid max output: 1 l/h  
Flocculant 5 – 200 ml/l  
Dimensions: 130 x 80 x 60 cm (H x W x D)  
Weight: approx. 40 kgs  
Code: GCTC8015



### Granudos 45 TOP & 100 TOP

Swimming pool disinfection system using IQ Granu-Chlor 700 granulated Calcium Hypochlorite and IQ Granu-cid acid with optional flocculant dosing controlled by TOP CONTROL MC for free chlorine, pH, redox and temperature.

IQ Granu-Chlor 700 granulated Calcium Hypochlorite is dosed directly from the chemical container. IQ Granu-cid acid is dosed within the system from the container to correct the pH and to aid in cleaning. IQ Granu-Chlor 700 Calcium Hypochlorite and IQ Granu-cid are dosed separately at intervals to the dissolving system from where the very low concentrated chlorine solution is conveyed by a venturi nozzle to the pool water. Unit is self cleaning.

#### Control System

LED indications for the measured values. All parameters to control the measuring, dosing and monitoring system are simple to handle by a turn push key and a 4 line display. Chlorine and redox electrodes self cleaning. Monitoring of probe water flow.

#### Drum Support

Rotating drum carrier steel, zinc and blue powder coated, drum fixing device with clamp bands and safety belt.

#### 45 TOP

Suitable for Pools: 400,000 – 750,000 ltrs  
Chlorine max output: 4 kg/h  
Acid max output: 2 l/h  
Flocculant: 2 – 200 ml/l  
Dimensions: 130 x 60 x 70 cm (H x W x D)  
Code: GCTC8045

#### 100 TOP

Suitable for Pools: 500,000 – 4,000,000 ltrs  
Chlorine max output: 8 kg/h  
Acid max output: 3.5 l/h  
Flocculant: 2 – 200 ml/l  
Dimensions: 130 x 60 x 70 cm (H x W x D)  
Code: GCTC8100

Weight: approx. 50 kgs  
Power: 230 VAC single phase, 0.3 kW  
Supply Pressure: 0.2–1.5 bar  
Counter Pressure: 0–1.5 bar dependent on supply pressure water flow with booster pump approx. 1000 l/h at 1.2 bar



## Granudos GR15

Swimming pool disinfection system using IQ Granu-Chlor 700 granulated Calcium Hypochlorite and IQ Granu-cid acid controlled by the auto control system POOL-PR for pH and ORP

IQ Granu-Chlor 700 granulated Calcium Hypochlorite is dosed directly from the integrated hopper. IQ Granu-cid acid is dosed within the system from the container to correct the pH and to aid in cleaning. IQ Granu-Chlor 700 Calcium Hypochlorite and IQ Granu-cid are dosed separately at intervals to the dissolving system from where the very low concentrated chlorine solution is conveyed by a venturi nozzle to the pool water.

### Housing

Solid one part rotational sintered blue PE shape containing all functional parts

### Auto Control System

This system controls pH and ORP with very simple operation. Program switch with 8 operation and service programs.

Proportional dosing for both Chlorine and Acid. Operational functions are indicated by LED's.

### Measuring of pH-value and ORP

The probes for pH and ORP are fitted within the flushing tank.

Suitable for Pools: 1,000 - 400,000 ltrs

Chlorine max output: 2.5 kg/h

Acid max output: 2.5 l/h

Hopper Size: 15 kg

Weight: approx. 25 kg

Dimensions: 95 x 40 x 40 cm (H x W x D)

Power: 230 VAC single phase, 0.2 kW

Supply Pressure: 0.6-1.5 bar

Counter Pressure: 0-1.2 bar dependent on supply pressure  
water flow with booster pump approx. 600 l/h at 1 bar

Code: GR8416



# Chemical Storage

## BL Series Storage Tanks

The BL series chemical storage tanks are constructed using one piece moulded polyethylene, features a domed top with moulded tie down lugs and moulded flats for drainage outlets. Ideal for indoor or outdoor usage with an all weather design. Style 4 has an elongated flat top area fitted with an access hole and cover. Standard colour is Natural (translucent white) Black is also available.

- BL1000 Code: PTANKS003
- BL1500 Code: PTANKS001
- BL2000 Code: PTANKS004
- BL3000 Code: PTANKS050



## CS Series Storage Tanks

The CS series chemical storage tank is an economical design with a lift off flat lid allowing easy access. Standard colour is Natural (translucent white) Black is also available.

- CS200 Code: PTANKB010
- CS500 Code: PTANKS015
- CS750 Code: PTANKS020
- CS1100 Code: PTANKS002



## CR Series Storage Drums

Dome top moulded featuring a heavy duty screw top 150 mm<sup>ø</sup> lid. 25 litre moulded increments on the side of the drum makes gauging how much is in the drum easy. Natural (translucent white).

- CR100DOM Code: PTANKS010
- CR220DOM Code: PTANKS012
- CR330DOM Code: PTANKS013



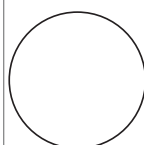
Tank & Drum Size Guide

|               | Volume (litres) | Height (mm) | Base <sup>ø</sup> (mm) | Top <sup>ø</sup> (mm) | Style |
|---------------|-----------------|-------------|------------------------|-----------------------|-------|
| Chemical Drum | 60              | 615         | 410                    | 410                   |       |
| CR100DOM      | 100             | 895         | 440                    | 495                   |       |
| CR220DOM      | 220             | 1020        | 590                    | 650                   |       |
| CR330DOM      | 330             | 1360        | 615                    | 670                   |       |
| CS200         | 200             | 760         | 590                    | 685                   | 1     |
| CS500         | 500             | 910         | 848                    | 960                   | 1     |
| CS750         | 750             | 965         | 990                    | 1090                  | 1     |
| BL1000        | 1000            | 1510        | 1000                   | 1000                  | 2     |
| CS1100        | 1100            | 1380        | 990                    | 1100                  | 1     |
| BL1500        | 1800            | 1487        | 1360                   | 1360                  | 4     |
| BL2000        | 2400            | 1890        | 1360                   | 1360                  | 4     |
| BL3000        | 3600            | 2060        | 1590                   | 1590                  | 4     |

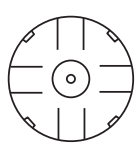
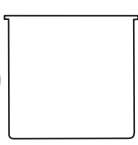
## Chemical Storage Drums

A small drum where space is at a premium. Features a large screw top lid and handles.

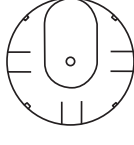
- 60 ltr Black Drum Code: PRCSPO50
- 60 ltr Blue Drum Code: PRCSPO51



Style 1



Style 2



Style 4

