



CHEMICAL DOSING SYSTEM • 130 L TANK

Sceptre DS130

A complete solenoid dosing station for antiscalant, biocide, pH correction and remineralisation, built around a Grundfos DDC 6-10 metering pump and a 130 L chemical tank, supplied with suction and injection valves, level probe, hoses and calibration cylinder.

130 L TANK

10 BAR

GRUNDFOS DDC 6-10

LEVEL PROBE

SW-DS130



WHY SPECIFY IT

Precise injection, fully kitted.

A solenoid metering pump with a logarithmic control scale holds accuracy across a broad turndown, so the same station can trim a few millilitres an hour or run continuous injection at full duty without swapping hardware.



Accurate at low flow

High precision across a broad flow control range on a logarithmic scale, with a graphic display and text menu for setting dose rather than guessing at a dial.



Protected electronics

Built-in electrical protection against power surges and overvoltage, with high wear resistance for demanding plant-room and skid-mounted duty.



130 L chemical reserve

A 468 × 827 mm tank with mounting bracket, foot filter and level probe, sized so refills fall on a monthly rather than weekly service round.

130_L

CHEMICAL TANK

6_{l/h}

MAX FLOW RATE

10_{bar}

WORKING PRESSURE

16_w

ELECTRICAL POWER

0–150

injections / min

Continuous or proportional

Injection frequency is adjustable from zero to 150 strokes per minute. Ordered with a pulse-output water meter, the station doses proportionally to measured flow, the correct approach for RO antiscalant and remineralisation, where dose must track throughput. Without the meter it runs at a constant set rate.



SPECIFICATIONS

Technical detail.

Model	Sceptre DS130
Datasheet ref	SWC-DS130-26-R0
Metering pump	Grundfos DDC 6-10
Pump type	Solenoid
Max flow rate	6 l/h
Max backpressure	10 bar
Injection frequency	0 - 150 /min
Control scale	Logarithmic

Chemical tank	130 L
Tank Ø × H	468 × 827 mm
Wetted materials	EPDM
Solution temperature	0 ... +45 °C
Noise level	74 dBA
Power	230 V · 50/60 Hz · 16 W
Interface	Graphic display · text menu
Pulse meter option	DN 40

ORDER OPTIONS

Constant dosing		SW-DS130
Dosage mode	Constant	
Pulse meter	Not fitted	
Suited to	Boiler feed · cooling · CIP	

Proportional dosing		SW-DS130-P40
Dosage mode	Proportional	
Pulse meter	DN 40 included	
Suited to	RO · UF · remineralisation	

HOW IT WORKS

Tank to injection point.

01	02	03	04	05
130 L tank	Foot filter + level probe	DDC 6-10 pump	Injection valve	Dosed to main

SCOPE OF SUPPLY

What we provide.

- ✓ Grundfos DDC 6-10 metering pump
- ✓ Suction valve with foot filter and level probe
- ✓ Injection valve and pack of hoses
- ✓ 130 L chemical tank with mounting bracket
- ✓ 500 mL graduated calibration cylinder
- ✓ DN 40 water meter with pulse output (proportional option)
- ✓ Optional Comprehensive Maintenance plan with consumables

Applications

Dosing water treatment chemicals for reverse osmosis, ultrafiltration, heating and cooling circuits, boiler feed water, process water, CIP systems, water remineralisation and other additives. EPDM wetted parts. Confirm compatibility for the specified chemical on order.

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REQUEST A QUOTE

Specify the Sceptre DS130 for your plant.

British-engineered, European-manufactured. UK · Middle East · Europe.

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