

NIKE HP 030 Peristaltic Dosing Pump

Model NK.HP030 - compact high pressure peristaltic pump for low flow chemical dosing

Compact analogue peristaltic pump for accurate low flow dosing of liquid chemicals. The 3 bar working pressure allows direct injection into pressurised lines, the peristaltic design handles viscous products and runs dry without damage, and the tool-free silicone tube change keeps servicing quick. Supplied and supported in New Zealand by WaterPro.



Key features

- ☐ Variable speed 10 to 100 %
- ☐ High working pressure - 3 bar
- ☐ Analogue speed control with simple dial adjustment
- ☐ Can be switched from an external control signal or solenoid valve circuit
- ☐ Suitable for viscous liquids
- ☐ Long tube life; silicone tube replaceable without tools
- ☐ IP65 fireproof and acid-proof enclosure
- ☐ Wall mounting via quick-release bracket
- ☐ Fully protected on/off switch
- ☐ Customisation available on request

Technical data

NIKE HP 030 (NK.HP030)	
Flow rate	Variable, 0 to 1 l/h
Maximum pressure	3 bar
Displacement per revolution	0.7 ml
Power supply	100 to 240 Vac or 24 Vac
Connections	Tube 4 x 6 mm
Pump tube	Silicone (standard); Santoprene optional
Enclosure protection	IP65, fireproof and acid-proof
Dimensions (W x H x D)	112 x 90 x 90 mm
Weight	0.6 kg
Mounting	Wall mounted, quick-release bracket

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Installation kit and options

Installation kit (supplied)

Item	Description
Injection fitting	Polypropylene (PP) injection fitting for the process line
Foot filter	Ceramic weighted suction filter
High pressure tubing	PE extension tubing for the discharge line
Suction tubing	PVC extension tubing for the suction line
Wall bracket	Quick-release wall mounting support

Optional accessories

Item	Description
Hose fitting	Hose-tail connector for the pump tube
Flexible injection fitting	Flexible injection connector for the dosing line
Reinforced hose fitting	Reinforced hose-tail connector
Santoprene pump tube	Alternative peristaltic tube for extended chemical compatibility

Contact WaterPro for customised configurations, alternative tube materials and spare parts.

Operation

The NIKE HP 030 is a speed-controlled peristaltic pump. A rotor with rollers compresses the silicone tube against the pump head, drawing chemical from the container and delivering 0.7 ml per revolution. Output is set by adjusting the motor speed between 10 % and 100 %, giving a variable flow of up to 1 l/h against 3 bar. Because the chemical only contacts the tube, the pump suits viscous, aggressive or gassing products and tolerates air in the suction line.

Installation notes

- ☐ Mount the pump on the quick-release wall bracket close to the injection point.
- ☐ Connect the ceramic foot filter and PVC suction tubing to the pump inlet and place the filter at the bottom of the container.
- ☐ Run the PE high pressure tubing from the pump outlet to the injection fitting on the process line; fit a non-return valve at the injection point if required.
- ☐ Wire the pump to a switched supply (100 to 240 Vac, or 24 Vac version) from the controlling equipment so it runs only when dosing is required.
- ☐ Set the speed dial to the required dose rate and verify by measuring the drawdown from the chemical container.

WaterPro - New Zealand supplier of INJECTA dosing pumps

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NIKE HP 030 is a product of INJECTA S.r.l., Italy. Specifications are subject to change without notice.