

RUGGED. RELIABLE. EASY TO INSTALL AND OPERATE.

PZ SERIES PULSE METERING PUMPS



Model PZ (manual)



Model PZi4 (automatic)

- State-of-the-art control and programmable features
- Accuracy unaffected by voltage fluctuation
- 300 strokes per minute allow more uniform distribution at all feed rates
- Superior degassing head

TYPICAL APPLICATIONS

- Chemical Dosing
- Chlorine Sterilization
- Nutrient Injection

Neptune
A DOVER COMPANY

THE MOST FLEXIBLE AND ACCURATE ELECTRONIC DIAPHRAGM METERING PUMP IN THE WORLD!

Manual control PZ:

Manual control PZ Models allow speed adjustment from 15 to 300 strokes per minute (20 to 1 turndown).

Automatic control PZi4:

Automatic control PZi4 Models allow manual or automatic adjustment of speed from 1 to 300 strokes per minute plus manual stroke length adjustment from 50 to 100 percent (600 to 1 turndown). All models accept analog (4-20 mADC) input or pulse signal input to automatically adjust speed. Automatic models include:

- External interlock for level switch, remote start, etc.
- Operational display shows speed or operational status.
- Pulse signal frequency division 1/1 to 1/9999 or multiplication 1 to 9999.

All models:

- 300 strokes per minute operation insures uniform chemical distribution even at low feed rates.
- Chemical delivery is constant at any single phase voltage from 94 to 264 VAC, 50/60 Hz and is unaffected by voltage fluctuations.
- Water proof and UV resistant – IP 65

Accessories included with each pump:

Foot valve strainer, back pressure check valve with injection quill, 4 ft suction tubing, 10 ft discharge tubing, 3 ft air release tubing, power cord and 3-prong plug. Automatic models include signal cable with multi-pin connector.

Min and max capacities/flow rate range:

0.01 gph (0.05 mL/min) to 20.6 gph (1300 mL/min)

	Material Code	Head	Seals	Diaphragm	Checks
General Chemicals: PVC Head	VFC	PVC	Viton	Teflon	Ceramic
General Chemicals: Kynar Head	FFC	PVDF	Viton	Teflon	Ceramic
Sodium Hypochlorite: Degassing Head	ARPZ	Acrylic	Viton	Teflon	Ceramic
Acids	FTC	PVDF	Teflon	Teflon	Ceramic

PZ SERIES PULSE METERING PUMPS



VFC



ARPZ



FFC/FTC

THE PZ SERIES IS THE BEST PULSE METERING PUMP ON THE MARKET



Tel: 888-3NEPTUNE • www.neptune1.com

