

Duplex Pump Timer Station DT 100

OUR STRENGTHS

Chemical Dosing
Integrated Controls
System Design
Systems Integration
Application Knowledge
Quality Engineering
Nimble Flexibility
Customer Service
Field Service

WE DELIVER

Custom Systems
Standard Systems
Metering Pumps
Controls
Instrumentation
Accessories

MARKETS SERVED

Municipal
Industrial
Commercial

APPLICATIONS

Cooling
Boiler
Process
Potable
Waste Water

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DT100-0.6-PC

- Dual Pump Configuration
- 0.6-6.3 GPH Outputs
- Economical
- Dual 7 Day Timers
- Simple To Use - Proven Reliable
- Plug N' Play Wall Mount Installation
- Two Year Pump Warranty

The DT 100 wall mount system offers a convenient package for Dual Feed Time Based chemical dosing .

This system has been successful in a wide range of water treatment applications.

Reliable, simple to use components are combined in an pre-engineered package that will provide years of reliable service in a flexible configuration.

The system is delivered complete with the pumps pre-tested and installed.

Contact us for timer package options such as pump substitution, calibration assemblies and feed verification.

EZ Pump Series Features

High Speed Operation

Up to 360 strokes per minute results in high resolution chemical feed, elimination of slug-feed effects.

Modular Design

The liquid end, drive and electronics are modular, enabling economical repair or replacement of parts. The control module can easily be mounted in a remote location.

Optional Automatic Air Vent Valve

Eliminates loss of prime when pumping liquids that de-gas easily.

Double Ball Check Valves

Precision valve guide assemblies prevent loss of prime and ensure easy self priming of 100 cps viscosity solutions with a 5ft. suction lift.

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Eliminates loss of prime when pumping liquids that de-gas easily.

Long Lasting Diaphragm

PTFE laminate over EPDM is molded onto a solid core. A retainer plate is provided to minimize flow rate changes as pressure varies.

Give us a call to build up the right system at the right price and get it right away!



System Selection Guide DT 100 — -

To build your system, identify the desired pump size and add that number to DT100. For example, a desired output of 0.6 GPH would be a DT100-0.6. Then select the appropriate liquid end material and add that designation after the pump size. Example, DT 100-0.6-PC

Pump Size Selection

Pump Size	Output Capacity		Max Output per stroke (ml) (Fixed)	Max Pressure		Connection Size Tubing O.D.
	Gal/hr	ml/min		PSI	MPa	in
B10	0.6	38	0.11	150	1.0	3/8
B15	1.0	65	0.18	105	0.7	3/8
B20	1.5	95	0.26	60	0.4	3/8
B30	3.2	200	0.56	30	0.2	½
C15	1.3	80	0.22	150	1.0	3/8
C20	2.0	130	0.36	105	0.7	3/8
C30	4.3	270	0.75	50	0.35	½
C35	6.3	400	1.17	30	0.2	½

Liquid End Options

Liquid End	Pump Head & Fittings	Diaphragm	Valve Balls	Valve Seat	Valve Seals	Gasket	Tubing
FC	PVDF	PTFE bonded to EPDM	CE	PCTFE	PTFE	PTFE	PE
PC	GFRPP		CE	FKM	FKM		
PE	GFRPP		CE	EPDM	EPDM		
VC	PVC		CE	FKM	FKM		
VE	PVC		CE	EPDM	EPDM		
TC	PVDF		CE	FKM	FKM		

CE	Alumina ceramic	EPDM	Ethylene propylene diene monomer
FKM	Fluoroelastomer	GFRPP	Glass fiber reinforced polypropylene
PCTFE	Polychlorotrifluoroethylene	PE	Polyethylene
PTFE	Polytetrafluoroethylene	PVC	Polyvinylchloride (translucent)
PVDF	Polyvinylidene fluoride		

Notes: Contact us for Automatic Switchover and Feed Verification Options.

