

# M-4100 Timed Interval Dispenser



The M-4100 dispenser is designed to inject a preset quantity of liquid product on a programmable basis. It is ideal for injecting grease traps with chemical treatments for maintenance, or handling other applications where automatic interval chemical doses are desired. The M-4100 features a timer that provides interval selections of up to 48 doses per day with a 24-hour timer, or up to 6 doses per day with a 7-day timer. A second adjustment provides exact dose calibration, allowing two ranges for extra accuracy.

## KEY BENEFITS



- Easy to program with rotary dial
- Standard 24-hour interval timer allows for up to 48 programmable cycles per 24 hours
- Optional 7-day timer lets you program up to 6 pump actions per day
- Provides for different dispensing cycles for each day of the week
- Timer has battery backup for maintaining reliable sequencing in power outages
- Each unit has two ranges for extra accuracy: 10-90 seconds, and 1-12 minutes
- Prime button

# M-4100

## Timer Dispenser



## OPERATION

With the timer in a non-actuated position, the tubes may be filled with product from the shipping container by operating the prime button. Adjust the dosage amount and check the output by pressing and holding the prime button until the pump stops. Now turn the timer to the current local time. Set the run times by pushing in the actuators. All of these instructions are inside the unit for easy reference.

## SPECIFICATIONS

### SIZE

5.75H x 10.25W x 4.00D (inches)  
14.61H x 26.04W x 10.16D (centimeters)

### WEIGHT

7 lbs (3.17 kg)

### CABINET

Type 304 Brushed Stainless Steel

### MOUNTING

Wall mounted with two keyhole slots on external flanges

### AMBIENT OPERATING TEMPERATURE

+36° to 120° F (+2° to 49° C)

### ELECTRICAL REQUIREMENTS

#### POWER

115 VAC, (±10%), 60 Hz  
230 VAC, (±10%), 50 Hz

#### CURRENT

2 Amp maximum at 115 Volts

#### FUSE

2 Amp, 250 Volt, AGC

### PUMP

Peristaltic, dual roller, self-priming and self-checking (no flow back)

### SPEED AND DISPLACEMENT

106 RPM (shaded pole AC motor)  
8.5 oz (250 ml) per minute\*

### SUCTION CAPABILITY

8 inches of mercury (Hg) maximum

### OUTPUT PRESSURE CAPABILITY

10 psi maximum

### ADJUSTABLE FEED TIMES

From 10 sec (minimum) to 12 min (maximum)

### FEED INTERVALS

24-Hour Timers: 1 per day (minimum), 48 per day (maximum)  
7-Day Timers: 1 per week (minimum), 42 per week (maximum)

\* Displacement based on 1 centipoise (water). Viscous displacement will be less.

## ORDERING INFORMATION

Item#	Description
043744	M-4101, with daily timer
043811	M-4103, with weekly timer

### M-4100 SERIES SPARE PARTS

Item#	Description
038952	PCB, 24 hr with battery backup
038954	PCB, 7 day with battery backup
018051	Motor, 115 VAC, 106 RPM
059967	Pump head, front, smoke
038850	Pump head, rear, smoke
051189	Pump roller assembly, green
042882	Fuse, 2A
026913	Pump tube, Silicon
022028	Pump tube, Beta Tube

*Design and specifications are subject to change without notice.*



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