



# “WHEATON” Dispensing pumps Made in USA

## DISPENSING PUMPS

Full microprocessor controls One-step volume calibration  
Self-prompting LCD display programmable soft start Conformance with UL, CSA and CE standards.

**Model No. W275020-D**

### Peristaltic Pumps Benefits

**Built in constant flow rate dispenser.**

Fully programmable delivery of preset volume over a specific period of time.

**Handheld tubing holder with a start and stop switch.**

**Built-in tubing support.**

Conveniently holds the tubing for filling containers.

**Supports up to three pump heads.**

For easy multiple dosing.

**Expanded tubing sizes.**

The pump head supports many additional tubing sizes.

**Dispense pull-back feature.**

Automatically dispenses the volume set. Then reverses to relieve pressure in the tubing, thus helping to eliminate drips.

**LARGE, bright LCD display.**

**Multi-language display prompts.**

**Store up to 100 setups.**

**External connection for remote start/stop.**



### Specifications:

Tubing sizes:

Extended life (2.3mm [0.09"] heavy wall) tubing 2, 3, 4.5, 6 & 8mm ID tubing.

Standard (1.5mm [0.06"] wall) tubing 0.8, 1.2, 1.6, 1.8, 2.4, 3.2, 4.8, 6.4mm ID tubing.

Accuracy: As high as 1% midrange.

Dimensions: 15.2cm wide x 30.5cm deep x 25.4cm high.

Weight: 15 lbs. (6.8 kg).

Power: (W375020) 220-240VAC, 50/60 Hz, 70 watts

Approximate dispense ranges for various tubing sizes:

2.0mm ID 1 – 2,400,000 mL

3.0mm ID 1.5 – 3,300,000 mL

6.0mm ID 2.2 – 10,500,000 mL

8.0mm ID 3.5 – 17,000,000 mL

Approximate flow rate ranges for various tubing sizes, +/-3%:

2.0mm ID: 0.34 mL/sec – 2.9 mL/sec

3.0mm ID: 0.67 mL/sec – 5.9 mL/sec

6.0mm ID: 2.19 mL/sec – 19.6 mL/sec

8.0mm ID: 3.34 mL/sec – 29.1 mL/sec

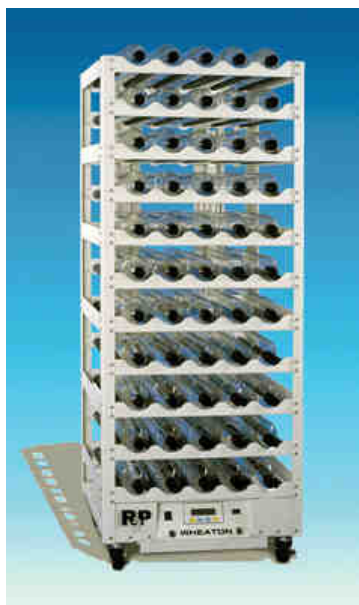
## R<sub>2</sub>P™ ROLLER CULTURE APPARATUS

Code No.

W248880-D 1deck

W348881-D 3decks

W348882-D 11decks



- Modular; add capacity and options as your requirements change.
- From 5 to 55 positions per unit (holds 10 to 110 of the 850 cm<sup>2</sup> vessels).
- Displays accurate RPM by entering vessel diameter.
- Wide speed range brushless DC motor, 0.25 to 8.75 RPM.
- Built-in Rotation Alarm (visual, audible, with external jack).
- Programmable rotation direction, fixed or reversing.
- Programmable soft-start and stop.
- 10 program storage registers.
- Conforms to UL, CSA and CE Laboratory Standards
- Optional temperature monitoring, one to four sensors per unit.
- Optional battery backup, complete functionally for up to 18 hours.
- CART<sub>2</sub> ready! Optional computer software for monitoring, controlling, and recording up to 2,047 units.

### Standard Features:

#### All-Position Drive System

#### User-Friendly control Section

The large digital display and keypad allow for easy input and monitoring of the settings. The unit continuously displays the bottle setting and the actual bottle RPM.

#### Built-in monitoring and alarms

The unit continuously monitors both the rotational speed and the drive train (the motor and belts). If the speed falls out of the entered tolerance or if the unit detects a loss of rotation, the unit displays are alarm, and sounds a loud buzzer.

#### Specification:

Accepts glass or plastic bottles 110 to 121mm diameter and up to 550mm long.

Bottle speed: 0.25 to 8.75 RPM (based on 110mm Diameter Bottle).

Accuracy: +/- 0.01 RPM.

#### Built-in Drive Monitoring System Alarms:

Visual: Flashing display with fault displayed.

Audible: Buzzer (with On/Off control).

External output: NO or NC (programmable) dry contact (0.5A@24VDC) through RJ-45 jack on the control housing front panel.

Electrical requirements: 220-240VAC 50/60 Hz, 35 watts.

Weight drive unit with one deck is 53 lbs.; each additional deck is 16-1/2 lbs.

Dimensions: Drive unit with one deck: 31" W x 24-1/2" D x 13-1/2" H (78.7 x 62.2 x 34.3 cm); for each additional deck add 6" (15.24cm).



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