

# DissoClean•Mark I

## **In-Place Dissolution Vessel Washer**

### **Cleans 6 Vessels in Just 4 Minutes**

Dissolution vessel clean-up is tedious and time consuming but a task that is critical for quality control and drug formulation. Users of Uniflex's dissolution vessel washer essentially eliminate the need to remove, drain, clean and reposition dissolution vessels.



## Mark I is Ultraportable

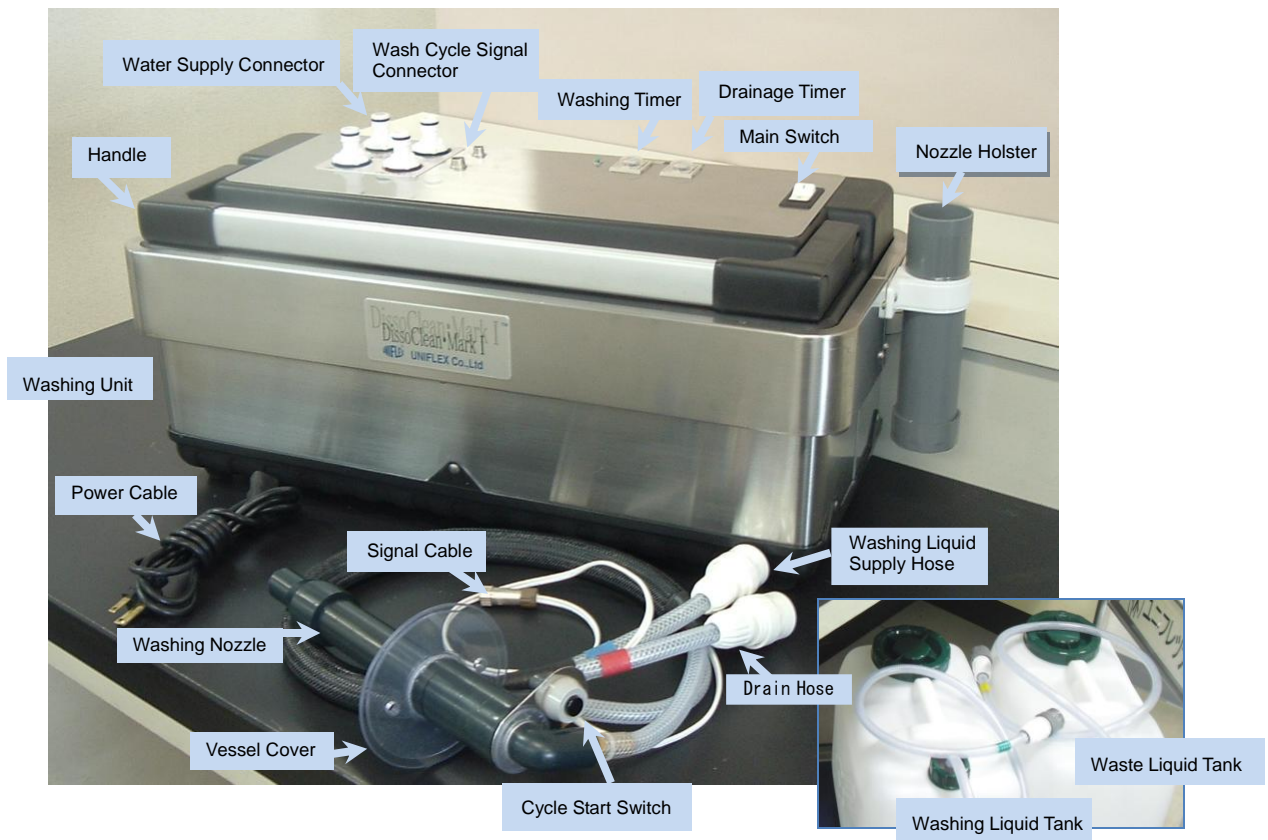
Easily placed on a lab cart or table because of its compact size and light weight.

## Mark I is Easy To Use

No special training is required. Benefits achieved from day one.



- Fits all tester vessels
- Even stubborn surfactants are easily washed away.



- Waste Tank is Equipped with Electronic Level Sensors to Prevent Overflow.

## Mark I Maintains Validation Compliance

Each time a vessel is positioned into a tester, its centering must be measured and the height of the paddle or basket must be validated. With the Mark 1, the vessels are cleaned in-place thus maintaining accurate parameters by eliminating the time consuming step of confirming their correct repositioning. As a result cleaning qualification is made possible.

## Mark I Improves Productivity Efficiency and Cost Performance

As vessels are washed in-place, productivity and efficiency in the dissolution laboratory are greatly increased. In place washing also minimizes breakage and subsequent re-calibration thus further improving cost performance.

- Breakage Greatly Reduced
- Cleaning Qualification Made Possible



## Mark I Reduces Number of Dissolution Test Failures

Failure to sufficiently purge contaminants from vessel walls can result in dissolution test failure which may lead to product recall or at best redoing the dissolution test. Users of Mark I need not worry about this. A high pressure diaphragm pump exerts 45psi of pressure through strategically placed nozzle jet ports to provide optimum, 360 degree wash quality.



**PADWASH**  
DissoClean Mark I • Mark II



**Electrical Power :** 100V ~ 230V AC 50 / 60 Hertz  
**Maximum Current :** 12V  
**Pump Pressure :** 45psi (Valve Closing Limit)  
**Unit Dimensions :** 59cm (l) x 28cm (d) x 25.5cm (h) (23" x 11"x 10")  
**Unit Weight :** 11.2kg (Approx. 25lbs)  
**Flow Speed :** Approx. 4,850ml per minute  
**Maximum Operating Temperature :** 45°C  
**Operating Humidity :** Up to 90% RH  
**Continuous Use :** Up to 100 minutes  
**Capacity:** Cleans up to 25, one liter vessels twice before refilling the  
20 liter wash tank and emptying the 20 liter waste tank  
**Wash Time :** Approx. 4 minutes for 6 vessels

## Mark I Parts and Price List

DissoClean Mark I System JP Yen 890,000 (not including Cart / PadWash / Heater)

Catalog No	Parts	Price(JP Yen)	Catalog No	Parts	Price(JP Yen)
DC0001	Washing nozzle	TBA	DC0009	Washing liquid tank	TBA
DC0002	Vessel cover	TBA	DC0010	Waste liquid tank	TBA
DC0003	Sensor for waste tank	TBA	DC0011	Relay	TBA
DC0004	Diaphragm pump	TBA	DC0012	Barb connector	TBA
DC0005	Washing liquid supply hose	TBA	DC0013	Cycle start switch	TBA
DC0006	Wash out hose	TBA	DC0014	* Cart	TBA
DC0007	Waste in hose	TBA	DC0015	* PadWash	TBA
DC0008	Drain hose	TBA	DC0016	* Heater	TBA

\*Optional


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