

Specifications Sheet



Model 1575 Microplate Washer

Ordering Information

Catalog No. *Product Description*

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| 170-7009 | Model 1575 Immunowash Microplate Washer , 100/120/220/240 VAC, includes bottle and tubing set, 8-channel manifold, aerosol protection cover, power cord, instruction manual |
| 170-7021 | Model 1575 Immunowash 12-Channel Manifold |
| 170-7026 | Model 1575 Immunowash Standard Maintenance Kit |

Electrical voltage: 220/110 VAC, 50/60 Hz

Consumption: 100 VA maximum

Fuses: 2.5 AT

Physical width: 32.5 cm

Length: 40.05 cm (plate carrier in); 52.55 cm (plate carrier out)

Height: 19.3 cm

Weight: 9.6 Kg

Operating conditions: 15-30 °C/ 15-85% Relative Humidity

Hardware manifolds: 8- or 12-channel

Vacuum: Integrated vacuum pump 9 L/minute

Waste bottle volume: 2,000 ml

Software kits: Up to 75 wash kits programmable. Each kit is saved under its own 15 character name and is a combination of methods with or without soak times in strip or plate mode

Methods: 6 single-cycle washing methods: wash, aspirate, dispense, bottom wash, bottom aspirate, shake

4 two-cycle washing methods: wash + aspirate, wash + bottom aspirate, bottom wash + aspirate, bottom wash + bottom aspirate

Soak time: 0-9.9 seconds in strip mode; 0-59 minutes in plate mode

Repetition: Every method can be repeated up to 9 times

Wash mode: Strip or Plate mode

Omit strip: Any strip can be omitted during kit programming

Plates: Up to 10 plate parameter sets programmable; accepts flat or round bottom microplates. Vertical and horizontal speeds, vertical and horizontal positions of aspirate needle inside well are programmable.

Other features: Priming sequence of hydraulic system during change of wash solution; separate disinfection program; password protected

Performance aspiration: Less than 2 µl maximum residual volume in a flat bottom well

Distribution accuracy: 15 µl average volume variation across one plate



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