

Series: MS-8200

TERGOTOMETER



Model MS-8212

Outline

This equipment, developed in reference to JIS K3371, is used to determine the degree of soil removal and to evaluate the washfastness of dyes when fabric and other samples are washed under specified conditions. It also allows users to determine optimal washing conditions by varying the temperature of the washing solution, as well as the stirring frequency and number of stirring cycles.

The stirring blades are driven by a rubber timing belt, resulting in low noise levels. Optional accessories include a immersion chiller (enabling testing at temperatures below room temperature), a stand (which prevents corrosion of the lower part of the unit caused by water and provides storage for accessories), and a preheating timer that automatically starts adjusting the tank temperature at a specified time.

Features

- The stirring frequency, test temperature, and test duration can be set within a wide range.
- High-precision temperature control can be achieved with simple operations.
- The switches are located on the top of the unit, ensuring ease of operation and a compact design.
- There is a proven track record of supplying this series of equipment to schools, industrial testing laboratories, detergent manufacturers, and textile manufacturers, etc.

Specifications

MODEL	MS-8212	MS-8220
Reference Standard	JIS K3371-1994 (Synthetic detergents for home laundering)	
Number of test pieces	4	6
Agitation frequency	50 - 180 times/min (50Hz) or 60 - 180 times/min (60Hz) continuously variable	
Rotational angle of the agitator blade	350° ± 1°	
Testing temperature	Room temperature to 80°C	
Heater	600 W × 3 pieces	800 W × 3 pieces
Testing duration timer setting	0 - 99 min (In case of a manual operation, the timer will be deactivated.)	
End alarm	Beeper	
Testing time	Set-up by timer. Stop automatically.	
Power supply required	100VAC, 30A, 50/60Hz	Single phase 200VAC, 30A, 50/60Hz
Dimensions and weight	Approx.(W)790 X (D)557 X (H)1013mm	Approx.(W)1200 X (D)589 X (H)1053mm
Options	1) Immersion chiller (enabling testing below room temperature) 2) Stand 3) Water tank lid 4) Preheat timer (The preheat cycle starts automatically when the set time is) reached. The maximum settable time is 99 hours and 59 minutes.)	



~ Simulate product testing in the lab ~

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