

Horizontal Type Rotating Autoclave

Model No. 2612

This autoclave is used in a range of chemical experiments as well as for cooking of various wood chips. It is designed to allow reactions to take place adequately and uniformly even with a very low liquid ratio, providing an advantage that allows experiments under conditions close to the site conditions. In addition, to control environmental problems, it is widely used in studies of oxygen bleaching and oxygen digestion.

Specifications

Capacity:	4, 10, 30 liters
Max. Pressure:	1.5MPa
Liquor Ratio:	1:1.5 or 1:2
Material of Cooker:	SUS-316 (molybdenum stainless Steel)
Heating:	electric furnace (divided in two parts)
Heater:	For 4 liters; single-phase 200/220VAC 20A, For 10 liters; three-phase 200/220VAC 30A, For 30 liters, three-phase 200/220VAC60A
Temperature Control:	by slide regulator
Heater Cover:	SUS-304
Pressure Gauge:	2MPa, acid resistant
Rotation Speed:	10rpm
Geared Motor:	For 4 liters; single-phase 100VAC 0.1 kW, For 10 liters; three-phase 200VAC 0.1kW, For 30 liters; three-phase 200VAC 0.4kW
Optional:	baffle plate for pulp agitation
Inspection of Vessel:	inspected by a third-party organization according to the regulation for class 1 or small-size pressure vessels
Outer Dimensions:	750 x 540 x 840mm (4 liters) 800 x 670 x 960mm (10 liters) 1140 x 835 x 1085mm (30 liters)
Instrument Weight:	163 to 250kg



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