

QC-677A Manual Thermos Press Forming Machine

Description

This machine has two separated (up and down) heating plates. Insert plastic or rubber ingredients between the plates before clamping them with the plates controlled by manual hydraulic tank. The machine molds the ingredients under steady pressure and temperature. Molded products can be used for testing and color comparison purposes, as well as used as samples applied in mass-production process. The machine is powered by a latest F1C type controller. Users can easily operate the machine guided by clear, conversation-oriented instructions on the panel. Users are also able to read pressure, time and temperature information effortlessly during the test for an overall detail of the process. Through monitoring the procedure, stability of the test is visualized and quality samples are guaranteed.

Industry

Rubber, plastic

Appearance



Specification

Pressure(Tons)	10, 20, 30, 50 (Tons), or specified capacity	
Units	Temperature: °C, °F Area: m ² , cm ² , mm ² , ft ² , in ² Force: kgf, gf, tonf(long), tonf(short), lbf, ozf, kN, N, tonf(SI) Pressure: bar, kgf/cm ² , KPa, MPa, mm-Aq(4°C), psi	
Temperature	Room temperature up to 300°C	
Temperature range	Temperature rising rate: 50°C to 150°C → about 18 minutes Cooling rate: 150°C to 60°C → about 10 minutes (water cooling)	
Cooling method	Water cooling circulation (optional)	
Dimension of a heating plate	10, 20 tons: 25x25cm (standard)	30, 50 tons: 30x30 cm
Distance between heating plates	60 to 100 mm (adjustable)	
Accessories	1 piece of 200 x 200 x 2mm or 250 x 250 x 2 mm forming mold (choose 1)	
Control	7" touch panel	
Display	Real-time force, temperature	
Power	Single phase, 220V/50Hz or 60Hz	
Dimension	53x62x145 cm (WxDxH)	
Weight	10 tons: about 200kg, 20 tons: about 250kg 30 tons: about 300kg, 50tons: about 350kg	

Related products

QC-603 Manual Specimen Punch

QC-603A & QC-603C Pneumatic Specimen Punch

*Cometech reserves ultimate modification right of product specification.



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