

QC-677T

Manual Hot Press

Industry

Rubber, Plastic

Description

The desktop QC-677T is in small size occupying no space. The heating plates can adjust the parallelism due to the four-column construction design, and this design improves the machine rigidity. QC-677T has two independent heating plates, users can clamp the plates through the hydraulic cylinder with a split-type pump. It can form the plastic or rubber material into a plate by stable pressurizing and heating for preparing development usage sample, color-matching plate, flat specimens, etc. QC-677T is fitted with F1C controller, which provides a simple setting interface, clear value display, temperature and test time for an easy understanding of the test progress. Through the real status showing on the display, users can control the molding process and reduce the human operational error to produce specimens with stable quality.

Related Products

- QC-603 Manual Specimen Punching Machine
- QC-603A Pneumatic Specimen Punch
- QC-603C Pneumatic Specimen Punch
- QC-677C Manual Hot Press
- QC-674A Programmable Hot Press

Specification

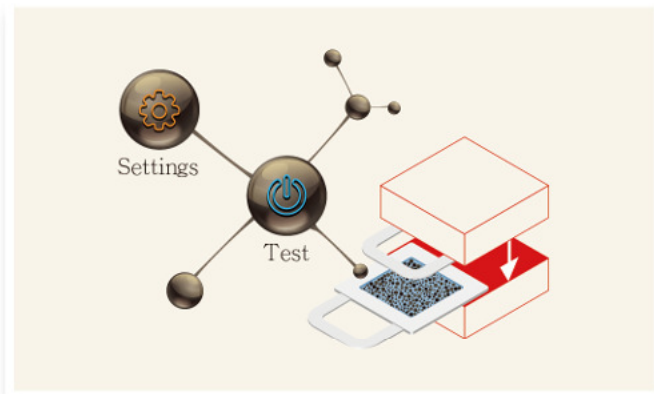
Pressure(Tons)	2 , 5 , 10 ton (5-100% of the max. capacity is the suggested test range)
Units	Temperature : °C, °F Area : m ² , cm ² , mm ² , ft ² , in ² Energy : kgf, gf, tonf(long), tonf(short), lbf, ozf, kN, N, tonf(SI) Pressure : bar, kgf/cm ² , KPa, MPa, mm-Aq(4°C), psi
Temperature	Room temperature ~ 300°C
Heating time	50°C→150°C take 18mins
Cooling method (optional):	A. water cooling, takes within 10 minutes to cool down from 150°C to 60°C. (depends on heating plate size) B. independent water chiller, the average cooling speed is 15°C per minutes.
Size of heating plate	15 x 15 cm
Distance between heating plates	60 - 100 mm (Adjustable)
Piston stroke	Max. 80mm
Accessory	A set of mold for flat sheet size 100x100x2 mm
Control	7" touch screen
Display	Instant force, temperature and diagram
Power	Single phase · 220V / 50 Hz or 60 Hz
Dimension	69 × 35 × 75 cm (W × D × H)
Weight	Around 110 Kg



Interface Introduction

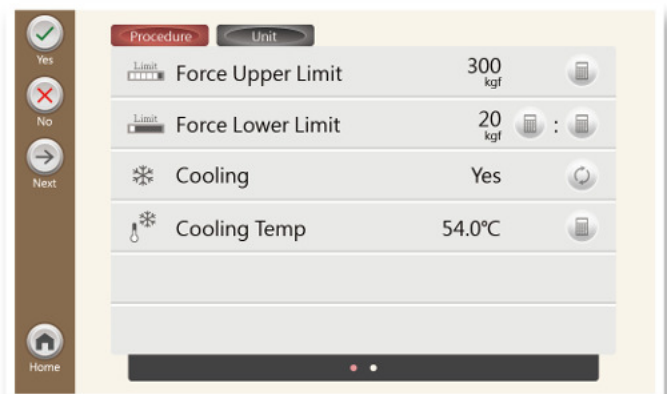
Home Page

With a clear and simple home page for easier understanding and operation.



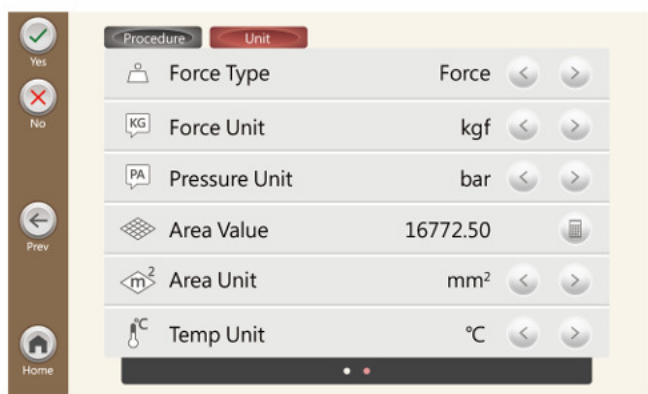
Pressurization Setting

Able to set pressurization time, heating time, upper/lower limit pressure value and automatic cooling(optional).



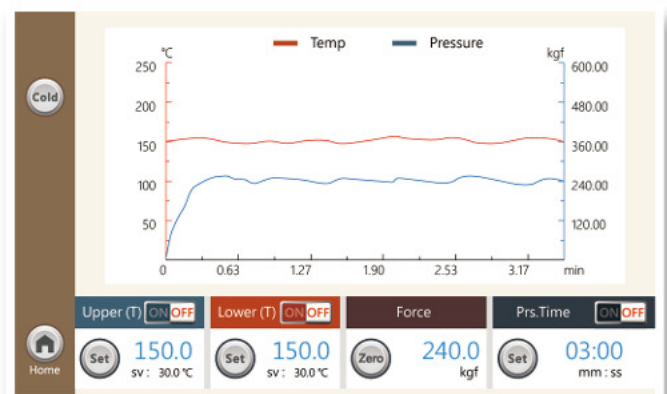
Unit switch

Metric and Imperial units switching.
Built-in system for auto calculating the mold pressure.



Curved Diagram Mode

A clear test page for simple operation.
Display the temperature and pressure with digital value and diagram.



*We reserve ultimate modification right of product specification.

