ACS Material Equipment Series

Laboratory Mini Hot Press

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Product Overview

Our Qixing™ Laboratory Mini Hot Press with integral hydraulic system and high technology options are optimized production press models adapted to precision laboratory requirements. The overall size are minimized and total weight is significantly reduced from metric tons to ~70kg by using titanium aluminum alloy instead of cast iron. It's easy to move, install, operate and maintian. Recommended for hot pressing of polymer composite materials to prepare plastic sheet, dumbbell bar, straight and notted bar, vertical combustion sample, oxygen index spline, etc., which can be used for testing the mechanical properties of the materials.

Product Features

- Light weighted (~70), easy to move
- Mini size, less space occupation (i.e.an area of a 15 inch notebook)
- Special stainless steel protection, water proof
- Build-up machine and replaceable parts, easy to install and maintain
- High security using manual pressure control
- One joint only, high pressure sealing and oil-leak free
- One machine for multiple purposes, capable of making dumbbell samples, impact notch samples, etc., can save the punching machine, universal prototype machine
- Water cooling, smooth samples with shortened sample preparation time

Product Specifications

Product Name	Qixing™ Laboratory Mini Hot Press
SKU #	EHPM0101
Model #	R32022020
Clamp Force (Ton/Mpa)	25/60
Ram Stroke (mm)	65
Platen Size (mm)	150×150
Cooling	Water
Temperature Display Accuracy	+/-1 %
Max temperature (°C)	40-450
Voltage Supply (V)	110
Unit Dimensions W x D x H (mm)	250×330×570(H)
Weight (kg)	70
Power (KW)	1.6

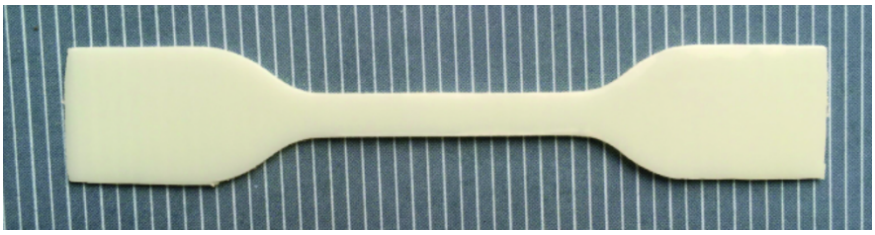

Photo of a Sample Prepared by Qixing™ Laboratory Mini Hot Press
A polycaprolactone(PCL)-Starch composites sheet (100*100mm) prepared by Model # R32022020 and dumbbell bars obtained via dumbbell cutter.
(Prototype sample of 63.5*9.53 mm, ASTM 638 Type V standard)