



## ACS Material Equipment Series

### Laboratory Mini Injection Molder

**Contact Information:**

ACS Material, LLC

Address: 959 E Walnut St., Suite 100

Pasadena, CA 91106, USA

Phone: (866)-227-0656

Fax: (781)-518-0284

E-Mail: [contact@acsmaterial.com](mailto:contact@acsmaterial.com)

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## Product Overview

The Qixing Laboratory Mini Injection Molder is recommended for injection molding of various thermoplastic materials to prepare dumbbell bar, straight bar, knotted bar, vertical combustion bar, oxygen index bar, etc., all of which can be used for testing certain mechanical properties of various materials. This model is equipped with accurate temperature controllers and high-speed special electrical heaters. It is small, light, easy to move and with dense space utilization. Only 8-15g material is needed for each feeding, which helps to save material. Easy to maintain as core components are designed with the “plug and play” principle. It can be used at a maximum temperature of 300°C and can be used for molding of ultra-high temperature materials. It's easy to move, install, operate and maintain.



## Product Features

- Light weighted (~100kg), easy to move
- Mini size, less space occupation
- Special stainless steel protection, water proof
- Build-up machine and replaceable parts, easy to install and maintain
- Manual Mode and Semi-automatic Mode
- One machine for multiple purposes capable of making dumbbell samples, impact notch samples, etc., can save the punching machine, universal prototype machine.

## Product Specifications

Product Name	Qixing™ Laboratory Mini Injection Molder
SKU #	EMIM0101
Model #	M1400
Clamp Force (Ton)	>80
Injection Pressure (MPa)	125
Plasticizing Capacity (G/time)	5-8
Temperature Range (°C)	40-300
Temperature Display Accuracy	+/-1 %
Power (KW)	1.6
Voltage Supply (V)	220
Pneumatic Source	Air Compressor
Unit Dimensions W x D x H (mm)	400×500×1100(H)
Maximum Air Pressure (MPa)	0.8
Weight (kg)	100
Mould	Dumbbell Mould



Photo of Samples Prepared by Qixing™ Laboratory Mini Injection Molder



Photo of Air Compressor

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