

The **Mix-Molder**[®] system

MODELS-100 INJECTION MOLDER - SPECIFICATIONS

Maximum processing temperature	600 F (316 C)
Injection tube capacity	16 cm ³ /~1.0 cubic inch (about 16 g by weight at 1.0 density)
Volts AC / Hz	120 V 60Hz or 240 V 50Hz (See marking on machine)
Watts	600
Power switch w/ thermal breaker	10 AMP
Maximum mold size	2.50"D x 2.63"H x 4.00"W (64mm D x 67mm H x 102mm W)
Injection nozzle orifice	.125" dia. (3.175 mm)
Sprue center line	1.25" (~32mm) - from backing plate to nozzle orifice center line
Machine weight	35 lbs. (15.88 Kg)
Machine footprint	4"W x 8.25"D (10.2cm W x 21cm D)
Maximum machine dimension	9" x 14" x 25" (with handle up) (23cm x 35.5cm x 63.5cm)

1 Year Warranty



Accessories included: Practice Mold, Purge Block, Pour Tube, Wooden Craft Sticks, 1-lb. Resin Pellets (LDPE), Handle Extension, Mold Release Spray (2 oz. bottle), Sprue Cutter Pliers, Needle Nose Pliers, Sensor Jumper Wire (coiled), Power Input Jumper Cord, Instruction Manual.

MODEL M-100 MIXING DEVICE - SPECIFICATIONS

Maximum processing temperature	600 F (316 C)
Injection tube capacity	16 cm ³ /~1.0 cubic inch (about 16 g by weight at 1.0 density)
Volts AC / Hz	120 V 60Hz or 240 V 50Hz (See marking on device)
Watts	500
Power switch w/ thermal breaker	10 AMP
Injection nozzle orifice	.125" dia. (3.175 mm)
Device weight	16 lbs. (7.26 Kg)
Device footprint	6.0"W x 9.0"L (15.2cm W x 23cm L)

1 Year Warranty



Accessories included: Hand Mixing Tool, Helical Mixing Blade*, Blade Alignment Tip*, extra Material Stripping Elements* (2 qty.), Stopper Tool, Sensor Jumper Wire (coiled), Power Input Jumper Cord, Needle Nose Pliers, Instruction Manual.

* fits 16 cm³ capacity Injection Tube

ECB-001 TEMPERATURE CONTROLLER - SPECIFICATIONS

Power input / Hz	120 VAC 60Hz or 240 VAC 50Hz (see control box label)
Power switch w/ thermal breaker	10 AMPS
Dimensions (approximate)	3.1"W X 4.1"D X 5.0"H (79mm W x 104mm D x 127mm H)
Weight (approximate)	2 lbs. (.91 Kg)

1 Year Warranty



Accessories included: Power input wire, Tilt Bracket, P.I.D. programming guide (from P.I.D. Mfr.), User's Guide

CAPACITY CHANGE-OVER KIT - INCLUDES:

CCK-001-1 (10 cm ³ capacity)	CCK-003-1 (23 cm ³ capacity)
1 - Injection Ram & clevis	1 - Injection Ram & clevis
1 - Helical Mixing Blade*	1 - Helical Mixing Blade*
1 - Injection Tube Assembly (a/k/a. melt chamber)	1 - Injection Tube Assembly (a/k/a. melt chamber)
1 - Alignment Tip	1 - Alignment Tip
3 - Material Stripping Element	3 - Material Stripping Element
1 - Hex wrench + hardware	1 - Hex wrench + hardware
1 - Bushing	1 - Bushing



***NOTE:** The mixing blade in this kit will fit both the hand mixing tool included with Model-M device and the machine tool (MMT-001-1) for use with overhead mixers, available for purchase separately.

MACHINE MIXING TOOL (MMT-001-1) - SPECIFICATIONS

Overall Length: 9.25" (23.5cm)	Shaft Length: 7.00" (17.8cm)
Shaft diameter: 3/8" (10 mm)	Features: Flexible Coupling

