



# Model B-100



## Hand-operated Plastic Injection Molder

“Ideal for prototyping & materials testing”

- Weighs about 35 lbs. (16 kg.)
- Plugs into ordinary wall socket
- High quality construction
- Solid cast iron frame
- Non-stick coating applied to injection ram
- Nickel plated injection chamber & nozzle
- Stainless steel protective enclosure
- Built-in thermal breaker switch for added safety
- Cleaning tool kit included for easy cleaning

1 Year Warranty

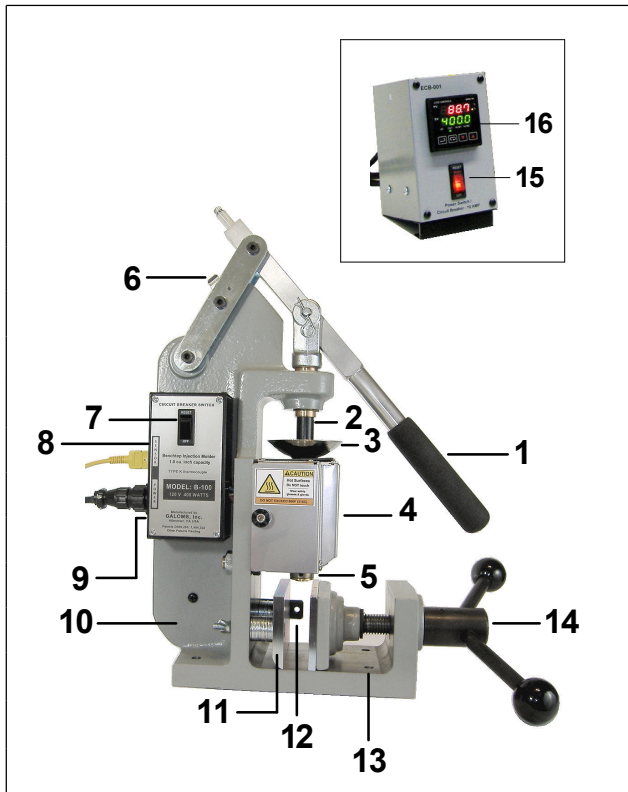


Model B-100 Injection Molder & ECB-001 controller

### IDEAL FOR:

Prototyping	Materials Testing	Overmolding	Educational

## Model B-100 INJECTION MOLDER w/ ECB-001 temperature controller



FEATURES	
1	Cushioned handle grip
2	Injection ram (with non-stick coating)
3	Pellet tray (chrome plated)
4	Protective enclosure (stainless steel)
5	Injection nozzle (removable)
6	Handle lock
7	Power switch (with built-in thermal breaker)
8	Sensor input jack (Type K thermocouple)
9	Power input jack
10	Support frame (cast iron / powder coated)
11	Back plate (adjustable position)
12	Mold stop
13	Mounting holes
14	Vise handle
15	Power switch (with built-in thermal breaker)
16	P.I.D. - (dual digital display)

### SPECIFICATIONS

Maximum processing temperature	600F (316C)
Injection tube capacity	Volume = 1 cu. inch. (16cc) – (about 17g of PS by weight)
Volts AC / Hz	120V or 240V 50/60Hz (see label on machine and controller)
Watts	400
Power switch (w/ built-in thermal breaker)	5 AMP
Maximum mold size	2.50"W x 2.63"H x 4.00"L (≈ 67mm X 64mm x 102mm)
Injection nozzle orifice	.125" dia. (≈ 3.17mm)
Sprue center line	1.25" (32mm) - distance from backing plate to nozzle orifice center
Machine weight	35 lbs. (≈16Kg)
Machine footprint	4.00"W x 8.25"D (≈10cm x 21cm)
Maximum machine dimension	9" x 14" x 25" (w/ handle up) - (≈ 23cm x 36cm x 64cm)

Equipment includes our 1 Year Limited Warranty. Model B-100 purchase includes the following accessories: practice mold, purge block, pour tube, handle extension, sprue cutter pliers, needle nose pliers, wooden craft sticks, mold release spray, 1 lb. of resin pellets (LDPE). Equipment does not carry a UL, or CSA mark. Our 240V units are CE marked.

If you would like to place an order or want a formal quotation, please contact us.