



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

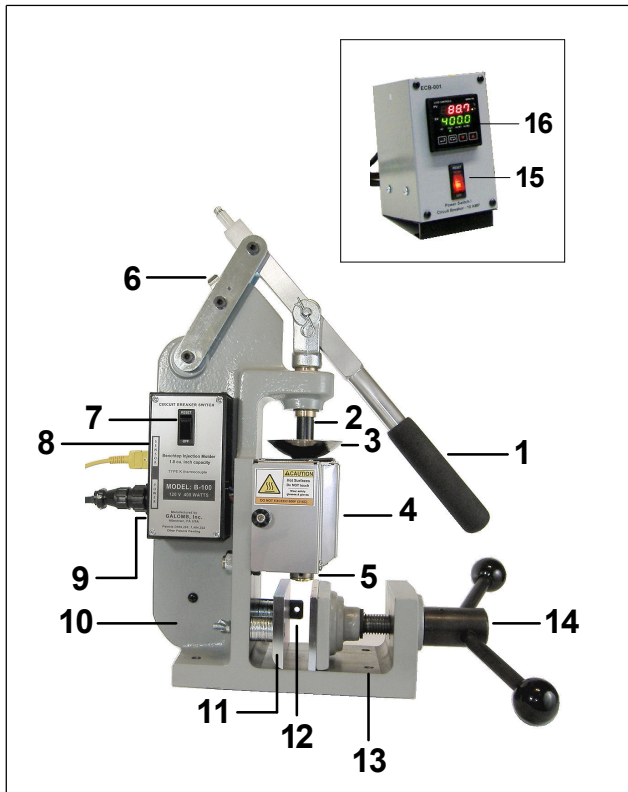


Model B-100 Injection Molder & ECB-001 controller

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.