




COMPARISON CHART - ALL MODELS

| QUESTIONS |  |  |  |
|--|---|---|--|
| What is the model number? | Model B-100 (+ ECB-001 controller) | Model S-100 (+ ECB-001 controller) | Model M-100 (+ ECB-001 controller) |
| What is the purpose of the device? | Injection molding machine. | Injection molding machine. | Polymer mixing device. |
| Can the device be used as a stand-alone unit? | Yes, as shown in picture. | Yes, as shown in picture. | No. After mixing the polymer, the injection tube must be moved to model S-100 for injecting. |
| Can the device be used in combination with the other models? | No | Yes. It can be used in combination with the Model M-100 mixing device. | Yes. It must be used in combination with the Model S-100 injection molder. |
| Does it have a removable injection tube? | No | Yes | Yes |
| How much plastic does the injection tube hold? | 16cc (about 1 cu. Inch) | 16cc (included with machine purchase) Available for purchase separately: 10cc and 23cc capacity tubes. | 16cc (included with device purchase) Available for purchase separately: 10cc and 23cc capacity tubes. |
| Can molten polymers be mixed while contained in the device? | No | No | Yes |
| What is the maximum mold size the device can accommodate? | 2.50"D x 2.63"H x 4.00"W (63mm x 67mm x 101mm) | 2.50"D x 2.63"H x 4.00"W (63mm x 67mm x 101mm) | Not Applicable |
| Must device be attached to ECB-001 controller to operate it? | Yes, as shown in picture. | Yes, as shown in picture. | Yes, as shown in picture. |
| Can the device inject molten polymers? | Yes | Yes | No |
| What is the maximum operating temperature? | 600F (316C) | 600F (316C) | 600F (316C) |
| Is the device manually operated? | Yes | Yes | Yes. Use hand mixing tool (included) or an overhead mixer (not included). |