




# COMPARISON CHART - ALL MODELS

QUESTIONS	 <b>Model B-100</b> (+ ECB-001 controller)	 <b>Model S-100</b> (+ ECB-001 controller)	 <b>Model M-100</b> (+ ECB-001 controller)
What is the model number?	<b>Model B-100</b> (+ ECB-001 controller)	<b>Model S-100</b> (+ ECB-001 controller)	<b>Model M-100</b> (+ 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).