



**A.B. Plastic Injectors**

The Perfect Solution for Plastic Injector Prototyping,  
R & D and Production Runs

## AB Plastic Injector Comparison Chart

Features	AB-100	AB-150	AB-200	AB-300	AB-400	AB-400M
Manual operation	✓	✓	x	x	x	x
Semi-automatic operation	x	x	✓	✓	✓	✓
Easy to read and adjust digital temperature controller	✓	✓	✓	✓	x	x
Digital programmable temperature controller	Optional	Optional	Optional	Optional	✓	✓
Adjustable ram speed control	✓	✓	✓	✓	✓	✓
Aircraft spec. aluminum body	✓	✓	✓	✓	✓	✓
Easy view material hopper	✓	✓	✓	✓	x	x
High capacity hopper	x	x	x	Optional	✓	✓
Stainless steel injection chamber and plunger for corrosion resistance	✓	✓	✓	✓	✓	✓

All pneumatic devices are of the "no-lube" design for medical and other clean room applications	✓	✓	✓	✓	✓	✓	✓
Working area protected by transparent safety-guard and safety red heat shield	✓	✓	✓	✓	✓	✓	✓
Adjustable mold stop and ejector	✓	Auto-ejector	Auto-ejector	Auto-ejector	Auto-ejector	Auto-ejector	Auto-ejector
2 ton clamp	Manual	Power	Power	Power	Power	X	X
Optional 2.5 ton power clamp	X	X	✓	✓	✓	X	X
5 ton power clamp	X	X	X	X	X	✓	✓
Small foot print 18" wide	✓	X	✓	X	X	X	X
Ergonomical workstation design	X	✓	X	✓	✓	✓	✓
Floor model "sit down" design	X	X	X	✓	✓	✓	✓
Foot air operated hopper to free operators hands for faster handling of molds	Optional	Optional	Optional	✓	✓	✓	✓
Transportable (requires no permanent installation)	✓	✓	✓	✓	✓	✓	✓
Optional nozzle heater	✓	✓	✓	✓	✓	✓	✓
Capacity	Up to 1/4oz	Up to 1/4oz	Up to 1/4oz	Up to 1/4oz	Up to 1/2oz*	Up to 1/2oz*	Up to 1/2oz*

Heat capacity	400 Watts	400 Watts	400 Watts	400 Watts	600 Watts	600 Watts
Temperature range	100-600°F	100-600°F	100-600°F	100-600°F	100-600°F	100-600°F
Machine dimension	18" x 21" x 25"	28" x 21" x 27"	18" x 25" x 32"	28" x 21" x 61"	28" x 21" x 61"	28" x 21" x 61"
Machine weight	71lbs. (32kg)	82lbs. (38kg)	91lbs. (41kg)	158lbs. (72kg)	200lbs. (91kg)	200lbs. (91kg)