

SUMA Plastic Machinery Co., Ltd

Eye Dropper Project



in ml	in mm			in gram	Raw Material	Estimated Cycle time in seconds
Bottle Volume	Height	OD	ID	Weight	Name	Speed
5ml	42.60	21	8	2.4	LDPE	9±1
10ml	51.95	24.08	8	3.1	LDPE	9±1
15ml	71.75	24.92	8	3.7	LDPE	9±1

Machine Specification

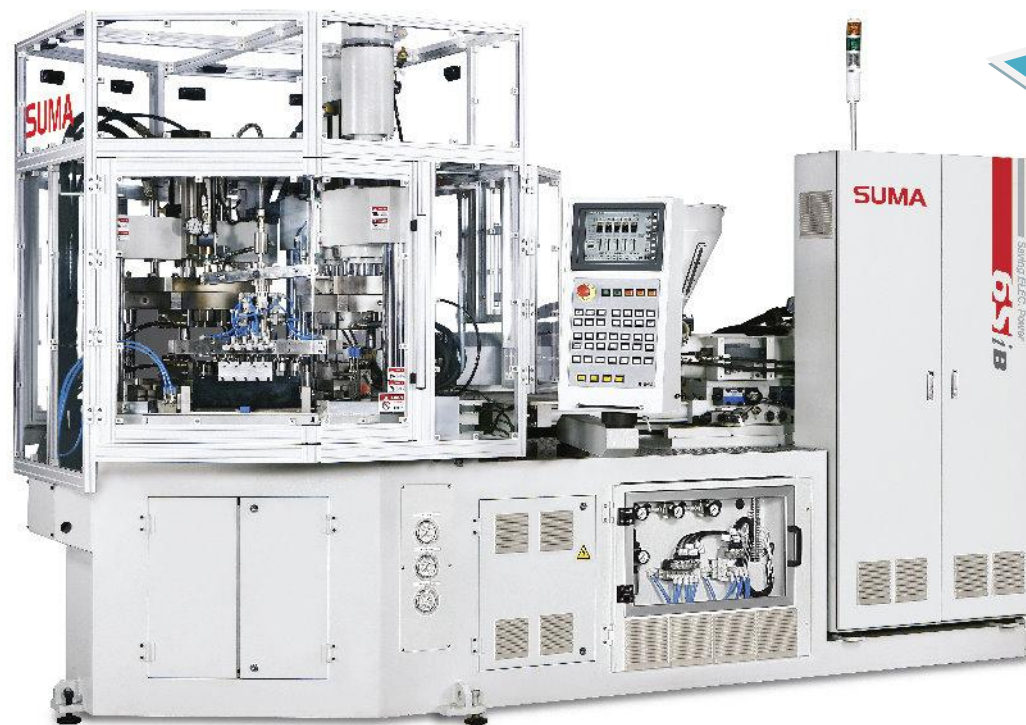
MECHANICAL SPECIFICATION

40/65/85/125 *iB*

SIIMA		40 <i>iB</i>	65 <i>iB</i>	85 <i>iB</i>	125 <i>iB</i>
Screw diameter	mm	40	50	60	65
Injection volume	cm ³ / shot	169	264	495	580
Injection stroke	mm	140	140	180	180
Plasticizing rate	cm ³ / s	18	30	50	60
Screw L/D ratio	-	22	22	22	22
Preform clamp	kN	386	580	720	1060
Blow mold clamp	kN	58	130	160	190
Press stroke	mm	120	130	140	152
Max. Die. set	mm	470 × 350	620 × 400	700 × 400	900 × 400
Trigger bar	mm	360	475	600	740
Dry cycle time	sec	3	3	3	3.5
Oil tank capacity	ℓ	160	160	160	200
Air consumption	ℓ / min	280	500	700	900
Power supply	kW	32	40	46	53
L x W x H	m	3.8 x 1.5 x 2.3	4 x 1.7 x 2.3	4.5 x 2 x 2.6	5 x 2.4 x 2.7
Total weight	ton	4.7	7	8.5	10

- ◆ Standard Primary Voltage: 400V – 3 PH –60HZ
- ◆ Power Consumption: 6.5 KW/hour
- ◆ Maximum Cavities: 12 CAV. for 5ml, 10ml and 15ml.
- ◆ Maximum productivity (output qty): 34,000,000 PCS/Year
- ◆ Energy Saving System: 50-60% electricity saving

Injection Blow Molding Machinery **3-station**



ON SALE

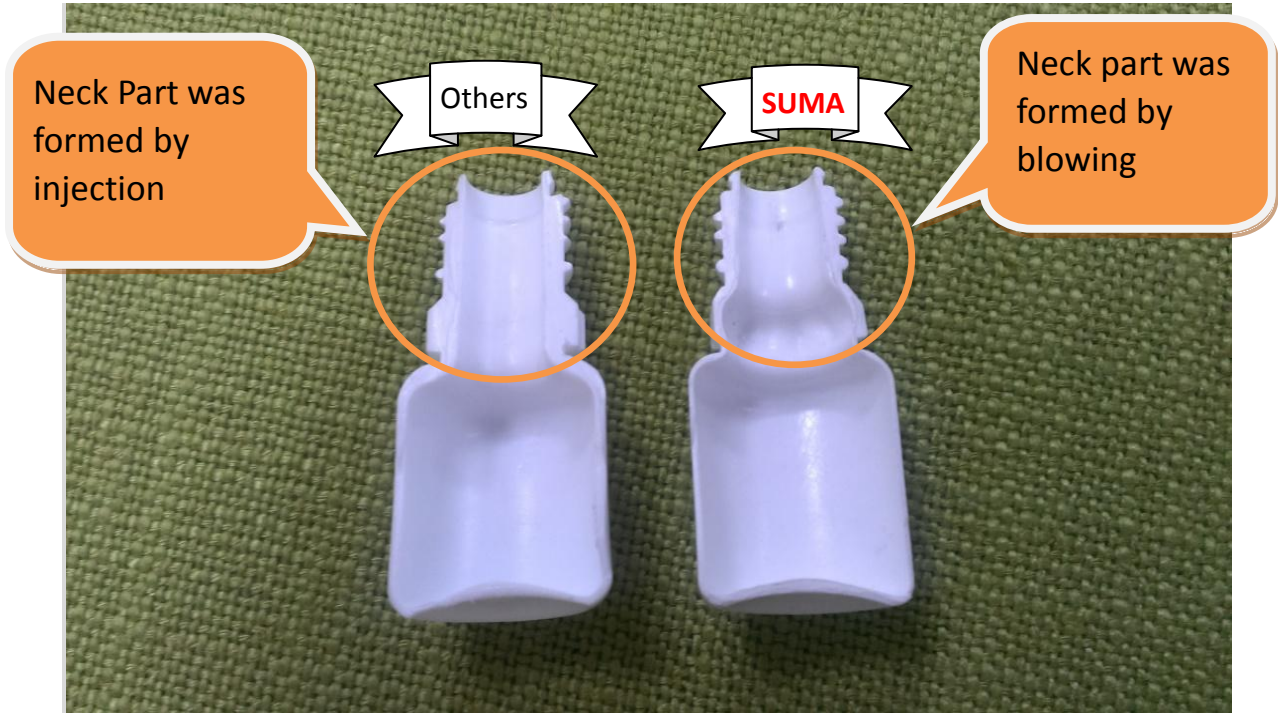
YOUR BEST CHOICE

65 iB Injection Blow
Molding Machine



SAVE YOUR MONEY

Energy Saving
Material Saving
Cost Saving



Mould Specification

Mold Consists of		
Item	Description	Material
1	Parison cavity or block	420 stainless Steel
2	Parison neck insert or block	420 stainless Steel
3	Blow mold cavity or block	420 stainless Steel
4	Blow Mold neck insert or block	420 stainless Steel
5	Bottom Plug	420 stainless Steel
6	Parison Side Plates (4) per mold	Stainless Steel
7	Blow Mold Side Plates (4) per mold	Stainless Steel
8	Core rod assemblies	Stainless Steel
9	Parison Dieset (2)	Steel nickel-plated
10	Blow Mold Dieset (2)	Steel nickel-plated





SUMA PLASTIC MACHINERY CO., LTD.
 NO. 359 SHIJIA East Rd., East Dist., Taichung City 40149 Taiwan
 Tel: 886 4 2215 5733 Fax: 886 4 2215 4419
 E-Mail: service@suma.com.tw
 Website: www.suma.com.tw ; www.suma.en.alibaba.com

The Electricity Consumption Saving of Suma Machines

Electricity Calculation is based on kw(kilowatt)

Power Consumption	Every Hour	Every Day(24hours)
	65iB	65iB
Power Consumption every hour(Unit: KW)	6.5	156
Water Temperature Controller(Unit: KW)	2.3	55.2
Water Chiller(Unit: KW)	0.9	21.6
3 in ONE Dryer (PET)	6.6	158.4
Total power consumption	16.3	391.2

Injection Blow Molding Machinery
3-station



65iB is your best choice!

Application: Light Bulbs, Wine Containers
 Cosmetic, Pharmaceutical Containers

Material: A range of plastic materials

Volume: 3ml~500ml

With more energy consumption, more electricity consumption, electricity saving will be your best choice.

If you buy our set of machines, you just need to pay US\$ 1 per hour, US\$ 24 per day.

The power consumption for 65iB per 30 minutes
 Eye Dropper: 8 caves, 5ml, PE, 10 seconds cycle time

功率和电能

FUND	L1	L2	L3	
		0:30:00		
kW				16.0
kVA				16.1
kVAR				1.2
PF				0.94
Cosφ				
kWh				3.249
kVAh				3.364
kVAh				0.401
START	08/29/14	16:04:09		0:30:00
PULSE CNT	CLOSE	HANUM	RESET	
ON OFF	ENERGY	COUNT	ENERGY	

Peripheral Equipment

WATER TEMPERATURE CONTROLLER

Specification: 2EW-1402

1. Temperature Range: Cooling + 20°C~140°C
2. Temperature Accuracy: $\pm 0.1^{\circ}\text{C}$
3. Medium: Water
4. Heat Water Pump: 2HP (SPECK PUMP)
5. Pump Max. Flow: 100L/min
6. Pump Max. Pressure : 6 Kg
7. Heater Capacity: 9000 W
8. Electric Parts: Breakers, magnetic switch which using Japan-FUJI, and solenoid valve –Italy “O.D.E”.
9. Temperature Controller: Using “OMRON” P.I.D Japan auto calculation.
10. Heat Pipe System: Stainless without seam
11. Pipe Size: 1” PT
12. Drain: 3/8” PT
13. Cooling Pipe: 1/2” PT
14. Dimension: L 73* W 30* H 67 (cm)
15. Power Consumption: 4.5 kW

WATER CHILLER

Specification:

1. Ice Water Temperature: 5-25 °C
2. Refrigerating Capacity: 15575 Kcal/ H
3. Compressor Horsepower: 5 HP
4. Pump horsepower: 3 HP
5. ICE Water Flow: 50-220 L/ min
6. ICE Water Pressure: 4.6~3.3 Bar
7. Dilatation Water Tank: 80 Liter
8. Ice Water Fitting Pipe: 1 – 1/4 inch
9. Cooling Water Fitting Pipe: 1 inch
10. Freon: R22
11. Size: L 90* W 58* H 116 (cm)
12. Weight: 250 Kg
13. Power consumption: 2kW