

General Purpose Incubators

A COMPLETE LINE



Innovative Scientific Equipment for the World

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SL
SHEL LAB

A Product of
SHELDON MFG. INC.

General Purpose

Models: GI2 | GI6 | GI7 | GI11 | GI12

Precise Temperature Control - Superior Uniformity

SHEL LAB general purpose incubators deliver a superior degree of temperature uniformity. A precise microprocessor controller, a unique warm air-jacket design and triple wall construction all contribute to ensuring optimum temperature uniformity. This design requires no blowers or fans within the incubator chamber. Five strategically placed heating elements, including a heated outer door, ensure uniform heating, while our unique air-jacket design eliminates hot spots when the incubator chamber is fully loaded.

Our microprocessor controller achieves exceptional temperature control with no overshoot. Setpoint and actual chamber temperature are digitally displayed. Even temperature calibration is easily performed by touchpad control. A totally independent secondary temperature controller offers the added safety of overtemperature protection.



GI12



Warm Air-Jacket Design



GI11

Model Number	GI2 GI2-2*	GI6 GI6-2*	GI7 GI7-2*	GI11 GI11-2*	GI12 GI12-2*
Controls/Displays	Microprocessor/ Digital LED	Microprocessor/ Digital LED	Microprocessor/ Digital LED	Microprocessor/ Digital LED	Microprocessor/ Digital LED
Temperature Range	Ambient +5 to 70°C	Ambient +5 to 70°C	Ambient +5 to 70°C	Ambient +5 to 70°C	Ambient +5 to 70°C
Temperature Uniformity	± 0.35°C at 37°C	± 0.35°C at 37°C	± 0.35°C at 37°C	± 0.35°C at 37°C	± 0.35°C at 37°C
Chamber Style	Single	Single	Single	Single-two door	Dual-Over/Under
Chamber Volume	55 Lit./1.95 Cu. Ft.	164 Lit./5.8 Cu. Ft.	189 Lit./6.7 Cu. Ft.	318 Lit./11.25 Cu. Ft.	170 Lit./6.0 Cu. Ft. each
Exterior Dimensions (wxdxh) (cm)	21 x 21 x 25" 53 x 53 x 64	25 x 27 x 37" 64 x 69 x 94	30 x 30 x 32" 76 x 76 x 81	42 x 27 x 37" 107 x 69 x 94	25 x 27 x 72" 64 x 69 x 183
Interior Dimensions (wxdxh) (cm)	15 x 15 x 15" 38 x 38 x 38	19 x 20 x 26" 49 x 51 x 66	24 x 24 x 20" 65 x 65 x 51	36 x 20 x 27" 91 x 51 x 69	20 x 20 x 26" ea. cmbr. 51 x 51 x 66
Shelves/Stainless (Supplied) (Maximum) Adjustable on 1/2" Centers	Two (2) Six (6)	Three (3) Twelve (12)	Two (2) Nine (9)	Six (6) Twelve (12)	Six (6) Twenty four (24)
Interior Outlet	One	One	One	One	One
Tempered Safety Glass Door	Yes	Yes	Yes	Yes	Yes
Access Port	Yes	Yes	Yes	Yes	Yes
Over Temperature Safety	Independent Overtemp Protection	Independent Overtemp Protection	Independent Overtemp Protection	Independent Overtemp Protection	Independent Overtemp Protection
Electrical Requirements: Watts/Amps -120V Watts/Amps -220V Cycle/Phase	450/4.5 500/2.5 50-60/Single Phase	700/4.5 725/2.5 50-60/Single Phase	650/4.5 700/2.5 50-60/Single Phase	850/5.9 1050/3.0 50-60/Single Phase	Each Chamber 650/5.0 725/2.5 50-60/Single Phase

* -2 indicates 220V

Large Capacity

Models: RI28 | RI40

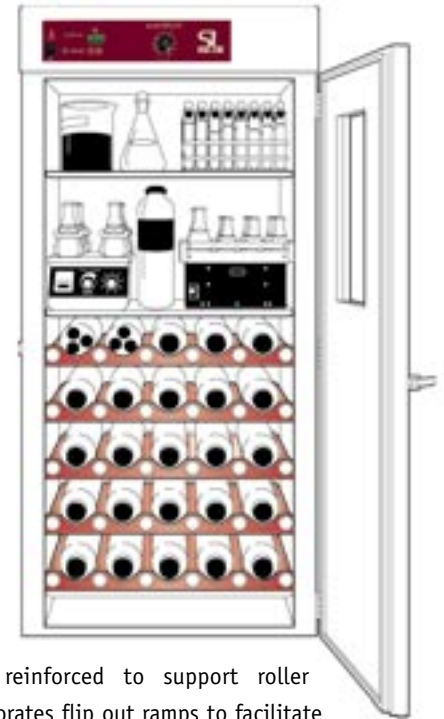
Optimize Floor Space

- Reach-In and Extra Large
- Horizontal Air Flow
- Four (4) Interior Electrical Outlets
- Prewired Panel for Chart Recorder
- Tempered Glass Viewing Window

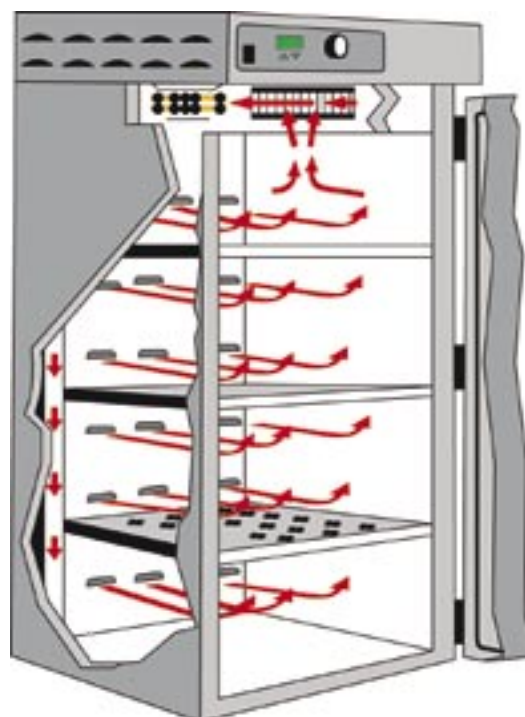
Models RI28 and RI40 incubators provide extra-large chamber capacities while minimizing the amount of floor space used. Both models incorporate our microprocessor controller to achieve precise temperature uniformity. A totally independent secondary temperature controller offers the added security of overtemperature protection. The chamber floors are ruggedly reinforced to support roller apparatus or shakers. The Model RI40 also incorporates flip out ramps to facilitate the movement of equipment such as roller racks. Both models are supplied with six (6) sturdy shelves for heavy loads.



RI28



RI28 RI28-2*	RI40 RI40-2*
Microprocessor/ Digital LED	Microprocessor/ Digital LED
Ambient +5 to 70°C	Ambient +5 to 70°C
± 0.5°C at 37°C	± 0.5°C at 37°C
Single	Single
793 Lit./28 Cu. Ft.	1133 Lit./40 Cu. Ft.
36 x 33 x 75" 91 x 84 x 19	41 x 34 x 87" 104 x 86 x 221
31 x 25 x 62" 79 x 64 x 158	35 x 26 x 76" 89 x 66 x 193
Six (6) Sixteen (16)	Six (6) Twenty (20)
Four	Four
Yes	Yes
No	No
Independent Overtemp Protection	Independent Overtemp Protection
1485/8.5 1700/8.0 50-60/Single Phase	1650/12.5 1850/8.0 50-60/Single Phase



Horizontal Airflow

Value Plus Incubators

Models: EI1 | EI2

For Routine and Small Work Loads

- Basic and Affordable
- Fully Adjustable Shelves
- Gravity Convection
- Hydraulic Temperature Controller
- Positive Lock Door Latch

The Model EI1 and EI2 incubators are a budget-wise choice for routine incubations of small work loads. Efficient gravity convection heating is supplied by economical low watt density heating elements. The heating element has a unique shield to protect against spills inside the chamber.

Temperature is regulated by a dependable hydraulic temperature controller. The rigidly constructed chamber is insulated with 2" of industrial fiberglass, minimizing heat loss and maximizing temperature uniformity.



EI1

Model Number	EI1 EI1-2*	EI2 EI2-2*
Temperature Range	Ambient +5 to 70°C	Ambient +5 to 70°C
Temperature Uniformity	± 0.5°C at 37°C	± 0.5°C at 37°C
Chamber Volume	28 Lit. / 1.0 Cu. Ft.	56 Lit. / 2.0 Cu. Ft.
Exterior Dimensions (wxdxh) (cm)	16 x 17.5 x 20" (41 x 44 x 51)	21 x 17.5 x 25" (53 x 44 x 64)
Interior Dimensions (wxdxh) (cm)	12 x 12 x 12" 30.5 x 30.5 x 30.5	17 x 12 x 17" 43 x 30.5 x 43
Shelves (Supplied) (Maximum) Adjustable on 1/2" Centers	One (1) Six (6)	One (1) Six (6)
Interior Outlet	No	No
Tempered Safety Glass Door	No	No
Access Port	No	No
Electrical Requirements		
Watts/Amps -120V	250/2.8	265/2.8
Watts/Amps -220V	175/1.5	200/1.5
Cycle/Phase	50-60/Single Phase	50-60/Single Phase

Manufacturer reserves the right to change/modify product specifications.

* -2 indicates 220V

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