

OPERATING INSTRUCTIONS

BELLCO Sci/ERA CELL PRODUCTION ROLLER APPARATUS

CATALOG NUMBERS

Stock No. 100 Volt Model	Stock No. 115 Volt Models	Stock No. 230 Volt Models	Description
<u>Modular Units</u>			
	7630-85000	7630-85220	Base Only
	7630-85010	7630-85010	Deck Only
	7630-85011	7630-85221	Base & 1 Deck
	7630-85012	7630-85222	Base & 2 Decks
7630-81013	7630-85013	7630-85223	Base & 3 Decks
	7630-85014	7630-85224	Base & 4 Decks
	7630-85015	7630-85225	Base & 5 Decks
	7630-85016	7630-85226	Base & 6 Decks
	7630-85017	7630-85227	Base & 7 Decks
7630-81018	7630-85018	7630-85228	Base & 8 Decks
<u>Non Modular Units</u>			
	7630-80509	7630-82509	45 Position with Stand-By Drive & Alarm System
7630-81510	7630-80510	7630-82510	50 Position with Stand-By Drive & Alarm System

**Bellco Glass, Inc.
340 Edrudo Road
Vineland, N.J. 08360**

**Telephone: (856) 691-1075
Fax: (856) 691-3247
www.bellcoglass.com**

**IS# 89
Rev: 10/11**

WARNING:

Use of this equipment is limited to conventional laboratory applications. It is not intended for use in adverse environments outside the environmental conditions listed below. It is also not intended for use with corrosive or explosive solutions.

Environmental Conditions, operating: indoor use, pollution degree 2, 4° to 50° C
relative humidity 0-90% non-condensing

Environmental Conditions, non-operating: -10° to 60° C, relative humidity 95% maximum

SAFETY SYMBOL DEFINITIONS:



Electrical Hazard. Be extremely careful. Do not remove cover while the unit is connected to a power supply. There are voltages within the unit which could, if contacted, cause personal injury.



Protective Earth Ground (Safety Ground): Do not operate if green screw is loose or missing. Screw provides an uninterruptible safety earth ground from the mains (power source).



Caution or Warning Note. Denotes a hazard. Included text gives proper procedures. Failure to follow directions could result in minor personal injury and/or property damage.



Do not modify the unit in any way if you are not a trained certified electrician. All user modifications and/or repairs must receive prior approval from Bellco Glass Service & Repair Department. Failure to do so not only voids the warranty, but also presents the risks of shock, fire and electrical damage.

SPECIFICATIONS

Dimensions:

Description	No. of Vessels	Dimensions (cm)* H x W x D	Dimensions (in.)* H x W x D
MODULAR UNITS:			
Base Only	5	37 x 76 x 63	14 ½ x 30 x 24 ¾
Deck Only	5	18 x 76 x 63	6 ¾ x 30 x 24 ¾
Base and 1 Deck	10	55 x 76 x 63	21 ¼ x 30 x 24 ¾
Base and 2 Decks	15	73 x 76 x 63	29 x 30 x 24 ¾
Base and 3 Decks	20	91 x 76 x 63	36 x 30 x 24 ¾
Base and 4 Decks	25	109 x 76 x 63	43 x 30 x 24 ¾
Base and 5 Decks	30	127 x 76 x 63	50 x 30 x 24 ¾
Base and 6 Decks	35	145 x 76 x 63	57 x 30 x 24 ¾
Base and 7 Decks	40	163 x 76 x 63	64 x 30 x 24 ¾
Base and 8 Decks	45	180 x 76 x 63	71 x 30 x 24 ¾

NON-MODULAR UNITS:

Fixed Frame 9 Decks	45	180 x 76 x 63	71 x 30 x 24 ¾
Fixed Frame 10 Decks	50	206 x 76 x 63	78 x 30 x 24 ¾

* Dimensions shown are without side bumpers. Add 5.1cm (2") to Width if bumpers are installed.

 **NOTE: To determine clearance heights of unit loaded with bottles, add 9 cm to listed height.**

Wheel-to-wheel 66 cm (26"), fits wheel slots in Bellco incubators

Bottle Speed: 0.1-4.0 RPM standard on 115V or 230V; 0.07-2.0 RPM Standard on 100V models.
See Appendix A for factory installed slow speed kit.
(Alternate Bottle Speeds are available; Contact Bellco Customer Service for information)

Drive and Control System: Solid-state electronic control with precision full-range tachometer.

Electrical Rating: 100±10 VAC, 50 Hz line voltage; 1.0 amp @ 100V, 50 Hz power consumption
Or
115±10 VAC, 60 Hz line voltage; 1.0 amp @ 115V, 60 Hz power consumption
Or
230±10 VAC, 50/60 Hz line voltage; 0.5 amp @ 230V, 50 Hz power consumption

Roller Construction: Non-transferring chemical-resistant rubber rollers with key-shape.

Clearance between Decks for Bottle Placement: 134 mm (5 ¼")

Construction Material: Aluminum, chemically treated enamel finish.

Usable Roller Length: 51 cm (20")