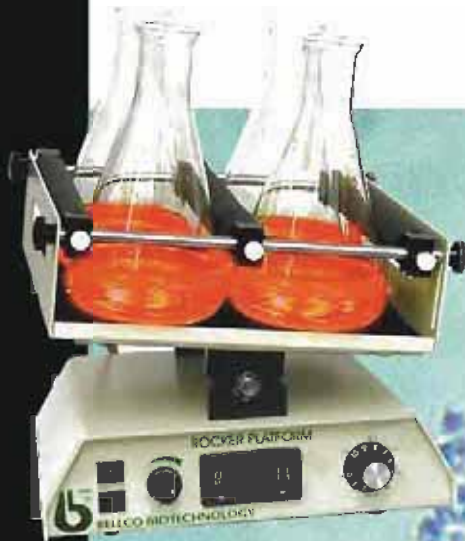


2-Benchtop & Floor Equipment



Section 2 – Bench Top and Floor Equipment

Incubators & Accessories.....	E-3
Hoods & Hood-Mate™ Pipettor.....	E-12
Hybridization Ovens & Accessories.....	E-13
Overhead Drive Motors and Adapters.....	E-17
pH Meter & Autocalibrator.....	E-18
Pipette Plugger (see section 4)	
Preventive Maintenance Kits.....	E-19
Refrigerators.....	E-22
Rocker Platforms & Trays.....	E-23
Roller Apparatus.....	E-26
Roller Bottles & Accessories	E-30
Roller Drum.....	E-32
Rotator, Blood Tube.....	E-33
Hot Shakers, Single and Dual Pan.....	E-34
Orbital Shaker & Trays.....	E-35
Stirrers, Magnetic	E-39
Waterbath, Shaking.....	E-42

100V Japan Only 115V USA & Canada 230V International Use
--

Standard Roll-In Incubator

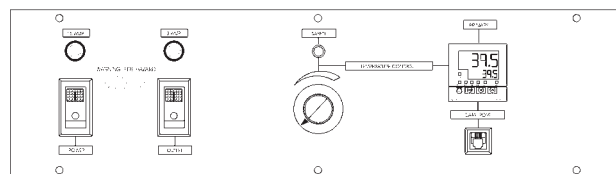
- Forced air circulation promotes even temperature distribution in chamber
- Accessory outlets in chamber provide power for supplemental equipment
- Optional over-temperature alarm and temperature recorder modules available
- Left hand opening door (right hand opening door available)
- Special models available with side ports and solid doors
- Accepts all Bellco roller apparatus
- Shelves sold separately

Stock No.	V/Hz/Watts	Description
7728-09100	100/50-60/1500	Door w/ Single Window
7728-09005	115/50-60/1500	Door w/ Single Window
7728-95220	230/50/1500	Door w/ Single Window
7728-59100	100/50-60/1500	Door w/ Double Window
7728-59005	115/50-60/1500	Door w/ Double Window
7728-59522	230/50/1500	Door w/ Double Window

Specifications

Temperature Range	+9°C ambient to 50°C (±2°C)
Temperature Uniformity*	±1.5°C
Exterior Dimensions	41 x 31 x 87" (104 x 78 x 221cm)
Chamber Dimensions	35 x 26 x 76" (89 x 66 x 193cm)
Chamber Capacity	40 cubic feet (1132L)

*tested with fully loaded 10-deck roller apparatus



Mini Roll-In Incubator

- "Flush-to-Floor" design
- Accommodates base + 3 deck roller apparatus
- Optional shelves sold separately
- Left-hand opening door
- 2 Internal outlets

Specifications

Temperature Range	Ambient +9° to 50°C
Temperature Uniformity	±1.5°C
Exterior Dimensions	41 x 31 x 51" (104 x 81 x 130 cm)
Interior Dimensions	35 x 26 x 41" (89 x 66 x 102 cm)
Chamber Capacity	21 cubic ft (595L)
Window	19 x 25" (48 x 63cm)

Stock No.	V/Hz/Watts	Description
7728-06005	100-115/50-60/1500	Mini Roll-In Incubator
7728-65220	230/50/1500	Mini Roll-In Incubator

Optional Accessories

7728-40035 (a)	Stainless Steel Shelf
7728-40050 (b)	UltraVented Heavy Duty Stainless Steel Shelf
7728-80000	Temperature Alarm Module (factory install)
7728-35115	Temperature Chart Recorder, 115V
7728-35230	Temperature Chart Recorder, 230V



a



b

Refrigerated Roll-In Incubator

- Ideal for insect cell incubations performed at 27°C
- Microprocessor PID temperature controller
- Accommodates up to 9-deck fixed frame or base + 7 modular Bellco cell production roller apparatus
- Accessory power outlets (4) in chamber provided for supplemental equipment
- Forced air circulation facilitates even temperature distribution
- Control panel w/power switch, convenience outlet, safety thermostat, refrigeration switch, temperature controller
- "Flush to Floor" design allows easy loading of Bellco Roller Apparatus



Specifications

Temperature Range	20°C to 50°C
Temperature Uniformity	± 0.5°C cool and ±1.0°C heat
Exterior Dimensions	41 x 32 x 87" (104 x 81 x 221 cm)
Chamber Dimensions	35 x 26 x 70" (89 x 66 x 178 cm)
Capacity	38 cu. ft. (1075L)
Refrigerant	R134A, non-CFC type

Stock No.	V/Hz/Watts	Description
7728-01100	100/50-60/1500	Single Window Door
7728-51100	100/50-60/1500	Double Window Door
7728-01005	115/50-60/1500	Single Window Door
7728-51005	115/50-60/1500	Double Window Door
7728-01230	230/50/1500	Single Window Door
7728-51230	230/50/1500	Double Window Door

Optional Accessories

7728-40035	Stainless Steel Shelf
7728-40050	UltraVented Heavy Duty Stainless Steel Shelf
7728-80000	Temperature Alarm (factory install)
7728-35115	Temperature Chart Recorder, 115V
7728-35230	Temperature Chart Recorder, 230V

Mini Refrigerated Roll-In Incubator

- Ideal for insect cell incubations performed at 27°C
- Microprocessor PID temperature controller
- 2 internal outlets
- Forced air circulation facilitates even temperature distribution
- Control panel w/power switch, convenience outlet, safety thermostat, refrigeration switch, temperature controller
- Accommodates base and 2 deck modular roller apparatus



Specifications

Temperature Range	20°C to 50°C
Temperature Uniformity	± 0.5°C cool and ±1.0°C heat
Exterior Dimensions	41 x 31 x 51" (104 x 79 x 130cm)
Chamber Dimensions	35 x 26 x 34" (89 x 66 x 87cm)
Capacity	18 cu. ft. (508L)
Window	19 x 25" (48 x 63cm)
Refrigerant	R134A, non-CFC type

Stock No.	V/Hz/Watts	Description
7728-04115	115/50-60/1500	Single Window Door
7728-04230	230/60/1200	Double Window Door

Bench Top Incubator

- Accepts 10 position Bellco Roller Apparatus
- Interior accessory outlet provided
- Optional shelf adjusts on ½" centers
- Control panel features safety thermostat, temperature controller, main power

Specifications

Temperature range	Ambient +5° to 50°C
Temperature Uniformity	± 1°C
Exterior Dimensions	36 x 21 x 30" (90 x 54 x 77cm)
Chamber Dimensions	30 x 14 x 20" (75 x 36 x 50cm)
Chamber Capacity	4.9 cubic ft (139L)

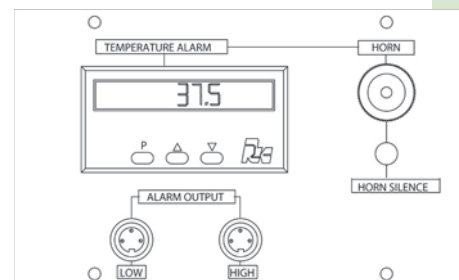
Stock No.	V/Hz/Watts	Description
7728-10115 (a)	115/50-60/950	Incubator with Solid Door
7728-10230	230/50/950	Incubator with Solid Door
7728-20115	115/50-60/950	Incubator with Glass Door
7728-20230	230/50/950	Incubator with Glass Door
7728-00047		Optional Shelf Only

Incubator Accessories

Stock No.	Description
7728-80000 (b)	Temperature Alarm Module (factory install)
7728-35115 (c)	Temperature Chart Recorder, 115V
7728-35230	Temperature Chart Recorder, 230V



a



b



c



See page 26 for Roller Apparatus

Sideports and right hand (R/H) opening doors are available - call for quotation.

1-800-257-7043



Large Capacity CO₂ Roll-In Incubator

- Microprocessor temperature control
- Infrared CO₂ control
- Digital set point and temperature display
- Independent over-temperature protection
- All stainless steel interior and shelves (6 shelves provided)
- 5 1-amp interior electrical outlets (4 back wall, 1 ceiling)
- Accepts all Bellco roller apparatus

Specifications

Temperature Range	Ambient +5° to 70°C
Temperature Sensitivity	+/- 0.1°C
Temperature Uniformity	+/- 0.25° @ 37°C
CO ₂ Range	0-20%
CO ₂ Uniformity	±0.1% @ 5% CO ₂
Chamber Capacity	40 Cubic Feet (1133L)
External Dimensions	41 x 34 x 87" (104 x 86 x 221cm)
Internal Dimensions	35 x 26 x 76.5" (88 x 66 x 194cm)
CO ₂ Recovery Rate	< 5 minutes
Shelf Dimensions	34 x 24" (87 x 61cm)



Stock No

Description (V/Hz/Watts)

7727-00115	115/60/1480
7727-00230	230/50/1700
7727-01000	Replacement Shelf

Accessories

6727-00115	CO ₂ Tank Switch, 115V
6727-00230	CO ₂ Tank Switch, 230V
A512-374	CO ₂ Pressure Regulator

Sideports available as a special order. Contact your Bellco representative for details.
Temperature Alarms/Chart Recorders page E-5

28 cu. Ft. Air Jacketed CO₂ Incubator with IR Sensor

- Accommodates up to 8-deck fixed frame/ base + 6 modular Bellco cell production roller apparatus



Stock No.	V/Hz	Watts
7727-50115	115/60	1100
7727-50230	230/50	1670

Specifications

Uniformity	±0.5°C at 37°C
Temp. Range	ambient + 5°C to 60°C
Capacity	28 cu. ft.
Viewing Window	17x24" (44x61cm)
Interior Dimensions	33x27x64" (84x69x162cm)
Exterior Dimensions	37x36x74" (94x91x188cm)
Interior Outlets	4
Shelves Supplied	6 (max. 14)
CO ₂ Sensor	IR
CO ₂ Range	0 - 20%
CO ₂ Recovery Rate	<3 minutes @ 5%

28 cu. ft. General Purpose Air Jacketed Incubator

Specifications

Uniformity:	± 0.5°C at 37°C
Temperature Range:	Ambient +5°C to 60°C
Capacity:	28 cubic feet/ 793 L
Viewing Window:	24x17" (61x43cm)
Interior Dimensions:	33x27x64" (81x69x162cm)
Exterior Dimensions:	37x36x74" (84x91x188cm)
Interior Outlets:	4
Shelves Supplied:	6 (14 max)

Stock No.	V/Hz/Watts
7727-60115	120/60/1100
7727-60230	230/50/1670



CO2 Benchtop Water Jacketed Incubator

- Triple wall construction
- Safety monitors/alarms
- RS232 serial port/data logger
- LED digital display, temperature, RH, CO₂
- Microprocessor controlled
- 25mm through wall access port
- Thermal conductivity CO₂ sensor
- Large capacity chamber- includes 6 shelves
- Units can be double-stacked (hardware included)

Stock No.	Description
7727-10115	Incubator, 115V
7727-10230	Incubator, 230V
7727-20500	Shelf
7727-20700	Caster Platform



Specifications

Temperature		Dimensions	
Control Range	Ambient +5 to 60°C	Exterior HxDxW	40 x 25 x 26.5" (101 x 64 x 67 cm.)
Stability	+/- 0.1°C @ 37°C	Interior HxDxW	28 x 20 x 20.5" (72 x 51 x 52 cm.)
Microprocessor	YES	Chamber Volume	6.7 cu. Ft. (190 liters)
Setpoint/Setability	Digital /0.1°C	Jacket Volume	18 Gal. (68 Liters)
Alarms- HI/LOW	Audio/Visual	Shelf Dimensions	19.5 x 18.5" (49.5 x 47 cm.)
Uniformity	+/- 0.1°C @ 37°C	Shelves supplied	6
Safety Thermostat	YES	Electrical	
CO ₂ Control		Volts/Hz	115V/60; 230V/50
CO ₂ Sensor	Thermal Conductivity	Watts	700/750
CO ₂ Control range	0-20%	Amps	5.8/3.1
Microprocessor	YES	Fused Inlet	YES
Stability	+/- 0.1%	Relative Humidity	
Setpoint/ Setability	Digital / 0.1%	Display resolution	1.00%
Uniformity	+/- 0.25@ 5%	Display range	Ambient to 99%
Recovery Rate to 5% CO ₂	<5 minutes	Humidification	Evaporation
CO ₂ Alarms- HI/LOW	Audio/Visual	Stainless steel RH Pan	YES

Orbital Shaking Incubator

- Manufactured with cold rolled steel exteriors finished with corrosion resistant powder coat paint
- Adjustable counterweights (6 provided) insure proper orbit stroke control
- Hermetically sealed, double paned window permits non-invasive inspection of samples
- Door interlock switch interrupts shaking when the door is opened
- Independent over-temperature safety
- LED display shows digital temperature and speed (rpm)
- Supplied with shaking platform and 2 stainless steel shelves
- Includes 1 interior outlet



Specifications

Temperature	Standard	Refrigerated
Temperature Range	Ambient +5° to 60°C	5°C to 60°C
Control	PID Microprocessor	PID Microprocessor
Uniformity	±0.5°C @ 37°C	±0.5°C @ 37°C
Accuracy of Controller	0.1°C	0.1°C
Alarms	Visual Safety Light	Visual Safety Light
Motor	Brushless DC	Brushless DC
Refrigerant	-----	R-134, CFC-free
Compressor	-----	1/6hp

Stock No.	Description	#Holders/ Platform
7727-30115	Standard, 115V	
7727-30230	Standard, 230V	
7727-40115	Refrigerated, 115V	
7727-40230	Refrigerated, 230V	
7727-31000	Replacement Shelf	
7727-30025	25mL Flask Holder	64
7727-30050	50mL Flask Holder	48
7727-30125	125mL Flask Holder	24
7727-30250	250mL Flask Holder	18
7727-30500	500mL Flask Holder	9
7727-31100	1000mL Flask Holder	6
7727-32000	2000mL Flask Holder	4
7727-34000	4000mL Flask Holder	4
7727-36000	6000mL Flask Holder	2
7727-32800	2.8L Fernbach Holder	2

Capacity

Volume	164L (5.8 cu. Ft)
Max. Sample Weight	12 kg (25 lb.)

Dimensions

Interior (WxDxH)	48 x 51 x 66cm (19"x 20"x 26")
Exterior (WxDxH)	58 x 69 x 105cm (23" x 27" x 42")
Viewing Window	37.5 x 48.9cm (14.75" x 19.25")
Platform	44 x 44cm (17.25"x 17.25")

Shaking Mechanism

Speed Range	40 to 400 RPM, ± 1 rpm
Speed Control	PID digital
Orbit Motion	(adjustable) 12mm/ 19mm/ 25mm
Maximum sample weight	10kg. (22 lbs.)
Counterbalance	(adjustable) Removable Counterweights (6 supplied)

Electrical

Voltage, Frequency	115V/60; 230V/50
Watts Std. (Refrig.)	700 (1100)
Amps Std. (Refrig.)	3.2 (9.2)

Benchtop Shaking Incubator

- Digital readout and alarms for temperature, rpm and timer functions
- Transparent hood, SST interior
- Supplied with a shaking platform, power cord and leveling feet



Stock No.	Description
7727-32115	Benchtop Shaking Incubator, 115V
7727-32230	Benchtop Shaking Incubator, 230V

**Specifications**

Temperature Range/Uniformity/Accuracy	Ambient +5° C to 60°C/ $\pm 0.5^{\circ}\text{C}$ (at 37°C)/ $\pm 0.1^{\circ}\text{C}$
Shaking Capacity	8kg/18lbs.
Shaking Speed	40-400 rpm ± 1 rpm
Alarm Functions	Temperature $\pm 0.5^{\circ}\text{C}$; speed ± 1 rpm
Stoke Length	1.9cm (fixed)/ 0.75"

Dimensions

Exterior HxDxW	21x 24 x 27" (54 x 60 x 69cm)
Interior HxDxW	19 x 20 x 17" (48 x 50 x 44cm)
Platform HxDxW	17 x 17" (44 x 44cm)
Chamber Capacity	4.0 cu. Ft. (113L)

Electrical

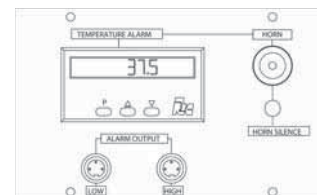
Watts/Amps 120V/ 230V	500/4.2; 500/2.3
Cycle/Phase	50-60 Hz/Single

Flask Size (mL)	25	50	125	250	500	1000	2000	4000	6000
Platform Capacity	64	48	24	18	9	6	4	4	2
See page E-8 for Flask Holders									



Roll-In Incubator Accessories

Stock No.	V/Hz	Description
7728-35115	115/60	Temperature Chart Recorder
7728-35230	230/50	Temperature Chart Recorder
7728-80000		Temperature Alarm Module (factory install)



Air Supply Pump

- Supplies filtered air to CO₂ Incubators @ 4.3 LPM
- Operates on 115 volt/ 60 Hz power supply
- Supplied with tubing
- Pressure rating 3.8PSI

Stock No.	Dimensions
7725-00120	5½ x 4¼"



Fyrite® CO₂ Indicator

- Determines CO₂ concentration from 0-20%
- Readings are unaffected by the presence of most sample background gases
- Furnished with specially designed aspirator assembly and carrying case

Stock No.	Description
7725-05000	Fyrite CO ₂ Indicator
7725-05052	Fyrite CO ₂ Repair Kit*
7725-05057	Fyrite Indicator Replacement Fluid (2 oz.)
* Fyrite CO ₂ Repair Kit includes gasket, diaphragm and fluid refill	

CO₂ Tank Switch

- Provides automatic switching from main tank to auxiliary tank
- Rear panel hose barbs for gas connection
- Measures 9"x5"x7" and mounts on top of any standard CO₂ incubator
- Alarm will sound when tank pressure (either tank) drops below 5 psi
- Manual switching done via the button labeled TANK SWITCH

Warning: The pressure from the CO₂ tank to the tank switch must not exceed 50 psi.



Stock No.	Description
6727-00115	Tank Switch, 115V/60Hz
6727-00230	Tank Switch, 230V/50Hz

Millennium 2000 Microplate Shaker Incubator

- Easy access to all standard 96 or 384-well plates
- Uniform heating via air circulation
- Open construction for easy integration with robotic systems
- Optimal temperature uniformity across all plates
- Maximum 4 plates
- Can be pre-configured for deepwell microplates

Stock No.	Description
7742-10115	Millennium 2000 Shaking Incubator



Specifications

Operating Voltage/Hz	100-240Vac 50/60Hz
Remote power supply	14V/ 5.4A
Heater power	100W
Temperature Range	Ambient +5°C to 45° in 1°C increments
Temperature Uniformity	±1°C (between plates)
Readout precision	±1°C
Operational conditions	12°C to 30°C
Adjustable timer	1-999 minutes in 1minute increments
Orbit	1.5mm
Speed Range	500-1300 in 10rpm increments
Dimensions WxDxH	8 x 20.5 x 8.5" (20 x 52 x 22cm)

Enviro-Genie®

- 6-in-1 Refrigerator/ Incubator/ Rotator/ Rocker/ Stirrer/ Shaker
- Designed to provide precise temperature control and uniformity
- Programmable up to 96 hours
- Visible/audible alarms for temperature and time
- RS232 port for data acquisition

The **Enviro-Genie** is supplied with the following accessories:

- 1 each two-sided magnetic platform
- 1 clip plate each for 10-13mm, 15-17mm and 28-30mm dia. tubes
- 4 each magnetic stainless steel mounting strips
- 1 each non-skid metal rocker tray 8" x 12"
- 2 each high-speed/ low-speed magnetic stirrers
- 1 each wire rack



Specifications

Chamber Dimensions DxWxH	10 x 14¼ x 10¼" (25.4 x 36.2 x 26cm)
Overall Dimensions DxWxH	19½ x 24½ x 14½" (49.5 x 62.2 x 36.8cm)
Chamber Volume	24L
Platform Capacity	10lb (4.5kg)
Temperature Range/Accuracy	4°C to 75°C/± 0.2°C
Temperature Uniformity	± 0.5°C
Temperature Resolution/Stability	0.1°C
Stirring Speed	1-2000rpm including reverse
Rotating/Rocking Speed	1-35rpm/2-70 cpm
Refrigeration/Heating	Peltier (no compressor)

Stock No.	Description
7726-00115	115V/60Hz/ 5A
7726-00230	230V/50Hz/2.5A

Biological Containment Hoods

- Seamless exterior with chemical resistant finish
- Recessed face shield with large view screen
- Large work volume with coved SST interior liner and UV light
- Easily accessible control panel; duplex internal electrical outlet
- Modular base support stand with integral foot rest



Specifications

Clean Level:	Class II Type A/B3 Biological Safety Hood
ULPA Filter:	Exhaust and supply HEPA filters rated 99.99% efficient at 0.3μ
Control Panel:	Touchpad with dual processor controls, low voltage stabilization circuitry and calibrated linear static pressure display (LEDs). The B3 unit has an additional electronic system which monitors static pressure in the exhaust ductwork.
Noise Level:	<62.5db

Stock No.	Description	Ext. Dims.	Int. Dims.
8700-40000	4' Class II, Type A	52 x 29 x 83"	27 x 48 x 27"
8700-60000	6' Class II, Type A	76 x 29 x 83"	27 x 72 x 27"
8700-40100	4' Class II, Type B3	52 x 29 x 83"	27 x 48 x 27"
8700-60100	6' Class II, Type B3	76 x 29 x 83"	27 x 72 x 27"

Clean-Ceil Laminar Flow Work Stations

- HEPA filter system is 99.99% efficient for 0.3micron particles
- Vertical model includes aluminum frame, clear side panels & white back panel
- Horizontal model includes aluminum frame, clear side and top panels
- Optional Accessories: SST or PP work surfaces; fluorescent light fixture; minihelic gauge; air, gas & vacuum turrets; duplex outlets; painted steel base frame



Stock No.	Description	Ext. Dims	Int. Dims
8500-40001	Vertical Laminar Flow	48 x 24 x 44"	46 x 23 x 29"
8500-40002	Horizontal Laminar Flow	48 x 37 x 30"	46 x 21 x 22"

Specifications

Clean Level	Better than Class 100 (Federal Standard 209); Class 10 with ULPA filter
Air Velocity	90 ± 20ft/min. (27.5 ± 6m/min) measures 6" from filter face
HEPA Filter	99.99% min. efficiency as determined by DOP aerosol challenge
ULPA Filter	Optional filter 99.9995% as measured by laser scan at 0.12 microns*
Pre-filter	Washable type rated 40% efficient (ASHRAE STD 52-68)
Wiring	Standard voltage 115V 60Hz (optional 220V, 50Hz)
Lighting	75 foot candles at work surface
Noise Level	Vertical work stations <62.5db; Horizontal work stations <64.5db (A scale per IES-RP-CC-002-86)
Vibration Level	<100 microinches rms. (per IES-RP-CC-002086)
Certification	All units factory lead checked and certified using photometer/aerosol
Electrical	Certified to CSA, OSHA and City of Los Angeles standards; 115V, 60Hz, 1.9A

*Recommended for Class 10 operation

PIPET-AID® Hood Mate™ 300

- Coiled vacuum/pressure line prevents interference with other items inside the hood
- Delivers precise volumes with exact control
- Supplied with mounting bracket for easy installation.

Stock No.	Description
1225-80300	Hood Mate 300 Pipettor, 115V



Mega Autoblott® Hybridization Oven

- Rotisserie accepts 24 short or 12 long, 35mm I.D. bottles
- Includes 35mm rotisserie and 1 case 7910-02026 large mesh
- Choice of 2 free cases of 35mm bottles
- Microprocessor controlled digital temperature display

Stock No.	V/Hz/Watts
7910-00110	115/50-60/600
7910-00220	230/50/600
7910-11111	Shelf Only, SST, 14 x 15" (35 x 39cm)

Specifications

Temperature Range	Ambient +5°C to 99°C
Temperature Uniformity	± 0.5°C
Rotation Speed	7.5 RPM
Exterior Dimensions	18 x 27 x 21" (46 x 69 x 53cm)
Interior Dimensions	14 x 16 x 16" (35 x 40 x 40cm)
Interior Capacity	2 cu. ft.



70 mm Rotisserie for Mega Hybridization Oven

Holds eight 70mm I.D. hybridization bottles (sold separately)

Manufactured from stainless steel

Shipping Weight: 6 lbs.

Stock No.	Description	Case Qty
7910-70100	70mm Rotisserie	1
7910-70300	70mm Bottles	2



Mini Autoblott® Hybridization Oven

- Programmable temperature controller for optimal performance
- Variable rotisserie speed: 0 to 80 RPM
- 4-Position Rotisserie accepts 8 short or 4 long, 35mm ID bottles
- 6-Position Rotisserie accepts 12 short or 6 long, 35mm ID bottles
- Includes 1 case 7910-02026 large mesh
- Choice of 1 free case of 35mm bottles



Stock No.	V/Hz/Watts	Description
7930-10110	115/50-60/600	Oven with 6-Pos. Rotisserie
7930-10220	230/50/600	Oven with 6-Pos. Rotisserie
7930-11115	115/50-60/600	Oven Only w/o Rotisserie
7930-11230	230/50/600	Oven Only w/o Rotisserie
7930-20100	~~~~	Rotisserie Only, 4 Position
7930-30100	~~~~	Rotisserie Only, 6 Position

Specifications

Exterior Dimensions	14 x 17 x 13" (35 x 42 x 32cm)
Interior Dimensions	7 x 15 x 8" (18 x 37 x 20cm)
Interior Capacity	0.5 cubic ft.
Temperature Range	Ambient +5°C to 99°C
Variation	±0.5°C

Micro Autoblott® Hybridization Oven

- Fixed rotation speed: approx. 7.5 RPM
- 4-Position Rotisserie accepts 8 short or 4 long, 35mm ID bottles
- 6-Position Rotisserie accepts 12 short or 6 long, 35mm ID bottles
- Includes 1 case 7910-02026 large mesh
- Choice of 1 free case of 35mm bottles



Stock No.	V/Hz/Watts	Description
7930-00100	100/50-60/600	Oven with 4-Pos. Rotisserie
7930-00110	115/50-60/600	Oven with 4-Pos. Rotisserie
7930-00220	230/50/600	Oven with 4-Pos. Rotisserie
7930-01115	115/50-60/600	Oven w/o Rotisserie
7930-01230	230/50/600	Oven w/o Rotisserie
7930-20100	~~~~	Rotisserie Only, 4 Position
7930-30100	~~~~	Rotisserie Only, 6 Position

Specifications

Exterior Dimensions	14 x 17 x 13" (35 x 42 x 32cm)
Interior Dimensions	7 x 15 x 8" (18 x 37 x 20cm)
Interior Capacity	0.5 cubic ft.
Temperature Range	Ambient +5°C to 99°C
Variation	±0.5°C

Autoblot® Hybridization Bottles

- Manufactured from medium wall Borosilicate glass Type 1, Class A
- Designed for all blotting procedures for DNA/RNA

Stock No.	ID x OAL (mm)	Graduated Volume (mL)	Case Qty
7910-35300	35 x 300	200	2
7910-35225	35 x 225	120	2
7910-35150	35 x 150	50	2
7910-35010	35 x 100		2
7910-40150	40 x 150*		2
7910-70300	70 x 300**	700	2
5637-90045	Replacement Cap, 45mm, Red PBT		10
A12-418	Replacement Cap, 70mm, Blue PP		
A523-205	Replacement Liner, 70mm		

*Wide neck opening to fit 50ml plastic centrifuge tubes 4502-series.

**For use with 70mm rotisserie in the Mega Hybridization ovens only



Optional Rocker Platform for Hybridization Ovens

- Stainless steel rocker platform fits Bellco Micro and Mini Ovens
- Platform has three settings at 2.5° to 6° from horizontal
- Adapts to existing rotisserie hardware

Stock No.	Dimensions
7930-50100	29 x 16cm (11.5 x 6.5")



Autoblot® Hybridization Oven Accessories

Stock No.	Description	Size	Case Qty
7930-20100	4 Position Rotisserie (Mini and Micro Only)		1
7930-30100	6 Position Rotisserie (Mini and Micro Only)		1
7910-02026	Large Nylon Mesh	23 x 23cm	5
7910-02024	Large Nylon Mesh	23 x 23cm	20
7910-15005	Small Nylon Mesh	15 x 10cm	5
7910-15010	Small Nylon Mesh	15 x 10cm	20





Digital and Process Overhead Drives

- Speed range: 5 – 150rpm
- 24V Brushless motor for low maintenance
- RS485 data port & motion alarm (process control)
- Reverse direction switch
- Easy mounting bracket with 'peg & grommet' design
- Standard models: 19 in/lb torque, 30w
- Hi-torque models: 31 in/lb torque, 50w
- CT II models interface with CellTrol II (page B-6)



Stock No.	Description (V/Hz/Watts)	Dimensions*
7774-10115 (a)	Digital, 100-115/50-60/15	5x5x8"
7774-10230	Digital, 230/50/15	5x5x8"
7774-20115 (b)	Process, 100-115/50-60/15	5x5x8"
7774-20230	Process, 230/50/15	5x5x8"
7764-70000	Standard Drive Adapter	
7764-71000	Large Flange Drive Adapter	
7774-30115 (c)	Hi-Torque, Digital, 100-115/50-60/15	6x7x10"
7774-30230	Hi-Torque, Digital, 230/50/15	6x7x10"
7774-40115 (d)	Hi-Torque, Process, 100-115/50-60/15	6x7x10"
7774-40230	Hi-Torque, Process, 230/50/15	6x7x10"
7764-74000	Hi-Torque Drive Adapter	
7774-50115 (e)	Digital OHD/CTII Interface, 100-115/50-60/15	5x7x8"
7774-60115	Digital Hi-Torque OHD/CTII Interface, 100-115/50-60/15	5x7x8"
7803-80000	Speed Cable CTII Interface	

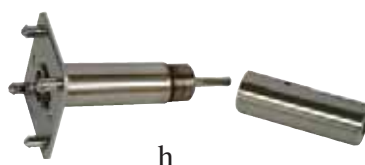
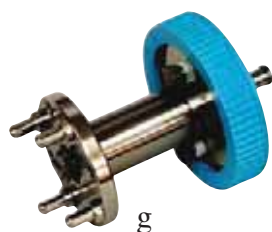
- 9700-10115 (f) Inline Power Supply, 115V
- 9700-10230 Inline Power Supply, 230V

*dimensions include handle

Overhead Drive Adapters

- Adapt overhead drive motors to PTFE or SST folding impellers
- 316L stainless steel with Polyester/SST bearings
- Two 1/4" NPT plugged ports for optional accessories (7764-70000 only)

Stock No.	Description
7764-70000 (g)	Std. OHD Adapter for 100mm Vessels
7764-71000 (h)	Heavy Duty Drive Adapter for Large Flange Vessels
7764-74000 (i)	Hi-Torque Drive Adapter



pH Meter/Autocalibrators**pHAC I**

- Automatically dispenses buffers and rinse water to obtain reproducible pH calibrations
- Significantly reduces the damage to electrodes caused by the manual calibration process
- Includes large storage bottles for buffer and rinse water
- Safety features provide overflow protection, low voltage and auto shutoff

pHAC II

- Built in autocalibration capability
- Measures pH, millivolt potential and temperature
- Meter features automatic buffer recognition and rapid stability
- Communication protocols enable downloading and printing
- Compensates for temperature in °C or °F



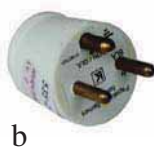
Stock No.	Description	Voltage/Hz
7780-10100	pHAC I Autocalibrator	100-240V, 50/60Hz
7780-20100	pHAC II pH Meter/Autocalibrator	100-240V, 50/60Hz
7780-30100	pH Electrode, 5 Pin, Gel-filled, Platinum	

**Specifications**

Range	pH: -2.000 to 19.999 mV: ± 2000 mV Temperature: -10.0 to 110.0°C (-50 to 230°F)
Resolution	pH 0.1; 0.01; 0.001 (selectable) mV: 0.1 Temperature: 0.1°C
Accuracy	pH: ± 0.002 mV: ± 0.2 or $\pm 0.05\%$ (whichever is greater) Temperature: 1.0°C
Calibration	2 point (4/7 or 7/10) and 3 point (4/7/10)
Outputs	One-way RS-232
Inputs	(1) BNC; (1) 5-pin connector (1) 2mm single reference adapter
Power	Line power from 110 VAC to 220 VAC line power adapter
Impedance Buffer	$>10^{12}$ Ohms
Dimensions	15" H x 18" D x 8.5" W (38 x 46 x 21cm)

Plugs, International, 230V

The following plugs are now available from Bellco Glass, Inc. for assembly onto our line of International laboratory equipment. Please note that the individual plug(s) for each country must be ordered as separate line items along with the equipment item **and will be assembled prior to shipment unless otherwise specified on the purchase order.**



Part No.	Description
A500-697 (a)	France/Belgium
A500-698 (b)	Denmark
A500-699 (c)	Standard European
A500-700 (d)	United Kingdom
A500-701 (e)	Switzerland
A500-702 (f)	Italy

Preventive Maintenance Kits

The following Preventive Maintenance Kits are available for Bellco equipment items as listed below. Each Kit includes an illustrated list for easy identification of parts.

PREVENTIVE MAINTENANCE KITS



Stock No#	Preventive Maintenance Kit for:	For Serial(s) #:
9005-10000	7740-10000 Rocker Base, 115V	SBRB/LBRB/ UCRB
9005-20000	7740-20000 Rocker Base, 230V	SBRB2/LBRB2/ UCRB2
9005-01000	7744-01000 Orbital Shaker, 115V	SHSJD/ SHLJD/ UCSB
9005-02000	7744-02000 Orbital Shaker, 230V	SHSJD2/ SHLJD2/ UCSB2
9005-08115	7744-08115 Mini Orbital Shaker, 115V	MOSJD/ UCMSB
9005-08230	7744-08230 Mini Orbital Shaker, 230V	UCMSB2
9005-10164	7736-10164 Roller Drum, 115V	3RDBB
9005-10220	7736-10220 Roller Drum, 230V	3RDBB2
9005-22110	7746-22110 Hot Shaker Plus, 115V	HSPW
9005-22220	7746-22220 Hot Shaker Plus, 230V	HSPW2
9005-32110	7746-32110 Dual Pan Hot Shaker, 115V	DPHS
9005-32220	7746-32220 Dual Pan Hot Shaker, 230V	DPHS2
9005-70000	7764-70000 OHD Cap Adapter	
9005-71000	7764-71000 L/F Heavy Duty Drive Adapter	
9005-72000	7764-72000 High Speed Adapter	
9005-73000	7764-73000 Spindle Assembly, Drive Stem, CellTrol	
9005-74000	7764-74000 High Torque Drive Adapter	

9005-10000 Contains:

Part#	Description	Qty.
A432-12	Circuit Board Fuse	5
A500-234	Main Fuse	5
A500-486	Motor Brushes/Springs	6
A502-10	Bearing	8
A502-103	Drive Linkage	1
A500-317	Grommet	8
A500-499A	Fuse Holder	2
A500-44	Fuse Holder	1

9005-20000 Contains:

Part#	Description	Qty.
A432-16	Circuit Board Fuse	5
A432-17	Main Fuse	5
A432-3	Main Fuse	5
A500-486	Motor Brushes/Springs	6
A502-10	Bearing	8
A502-103	Drive Linkage	1
A500-317	Grommet	8
A500-499B	Fuse Holder	4
A500-44	Fuse Holder	1



9005-01000 Contains:

Part#	Description	Qty.
A432-12	Circuit Board Fuse	5
A500-234	Main Fuse	5
A500-486	Motor Brushes/Springs	6
A500-176	Drive Belt	4
A500-317	Grommet	8
A500-499A	Fuse Holder	2
A500-44	Fuse Holder	1

9005-02000 Contains:

Part#	Description	Qty.
A432-16	Circuit Board Fuse	5
A432-17	Main Fuse	5
A432-3	Main Fuse	5
A500-486	Motor Brushes/Springs	6
A500-176	Drive Belt	4
A500-317	Grommet	8
A500-499B	Fuse Holder	4
A500-44	Fuse Holder	1

**9005-08115 Contains:**

Part#	Description	Qty.
A432-12	Circuit Board Fuse	5
A500-234	Main Fuse	5
A500-486	Motor Brushes/Springs	6
A500-176	Drive Belt	2
A500-448	Timing Belt	2
A500-317	Grommet	8
A500-499A	Fuse Holder	2
A500-44	Fuse Holder	1

9005-08230 Contains:

Part#	Description	Qty.
A432-16	Circuit Board Fuse	5
A432-17	Main Fuse	5
A432-3	Main Fuse	5
A500-486	Motor Brushes/Springs	6
A500-176	Drive Belt	2
A500-448	Timing Belt	2
A500-317	Grommet	8
A500-499B	Fuse Holder	4
A500-44	Fuse Holder	4

9005-10164 Contains:

Part#	Description	Qty.
A432-12	Circuit Board Fuse	5
A500-234	Main Fuse	5
A500-486	Motor Brushes/Springs	6
A507-188	Timing Belt	2
A500-44	Fuse Holder	1

9005-10220 Contains:

Part#	Description	Qty.
A432-16	Circuit Board Fuse	5
A432-17	Main Fuse	5
A432-3	Main Fuse	5
A500-486	Motor Brushes/Springs	6
A507-188	Timing Belt	2
A500-317	Grommet	8
A500-499B	Fuse Holder	4
A500-44	Fuse Holder	1

**9005-22110 Contains:**

Part#	Description	Qty.
A432-12	Circuit Board Fuse	5
A432-7	Main Fuse	5
A500-486	Motor Brushes/Springs	6
A500-291	Timing Belt	1
A500-317	Grommet	8
A500-499A	Fuse Holder	2
A500-44	Fuse Holder	1

9005-22220 Contains:

Part#	Description	Qty.
A432-16	Circuit Board Fuse	5
A432-19	Main Fuse	5
A432-6	Main Fuse	5
A500-486	Motor Brushes/Springs	6
A500-291	Timing Belt	1
A500-317	Grommet	8
A500-499B	Fuse Holder	4
A500-44	Fuse Holder	1

9005-32110 Contains:

Part#	Description	Qty.
A432-12	Circuit Board Fuse	5
A432-7	Main Fuse	5
A432-6	Main Fuse	7
A500-486	Motor Brushes/Springs	6
A500-291	Timing Belt	1
A500-317	Grommet	8
A500-499A	Fuse Holder	4
A500-44	Fuse Holder	2

9005-32220 Contains:

Part#	Description	Qty.
A432-16	Circuit Board Fuse	5
A432-19	Main Fuse	5
A432-5	Main Fuse	7
A500-486	Motor Brushes/Springs	6
A500-291	Timing Belt	1
A500-317	Grommet	8
A500-499B	Fuse Holder	4
A500-44	Fuse Holder	2



9005-70000 Contains:

Part#	Description	Qty.
A542-60	Stem Seal O-ring	1
A542-362	Shaft Seal	2
A542-356	Polyester Ball Bearing	2
A542-194	Internal Snap Ring	2
5555-25H	Drive Shaft Grip Ring	1
A528-378	Shaft O-ring	2



9005-71000 Contains:

Part#	Description	Qty.
A542-60	Stem Seal O-ring	1
A542-362	Shaft Seal	2
A542-356	Polyester Ball Bearing	2
A542-194	Internal Snap Ring	2
5555-25H	Drive Shaft Grip Ring	1
A542-378	Shaft O-ring	2

9005-72000 Contains:

Part#	Description	Qty.
A542-395	O-ring	1
A542-458	Lip Seal	2
A542-440	Bearing Retaining Ring	2
A542-441	Plastic Ball Bearing	2



9005-73000 Contains:

Part#	Description	Qty.
A542-473	Shaft Seal	2
A542-474	Polyester Ball Bearing	2
A542-536	Snap Ring	2

9005-74000 Contains:

Part#	Description	Qty.
A542-363	Shaft Seal	2
A542-357	Polyester Ball Bearing	2
A542-346	Bearing Gasket	2
A542-60	Stem Seal O-ring	1
A542-447	Bearing Spacer	1
A542-290	Snap Ring	2
A542-315	Shaft O-ring	2



Refrigerators



a



b



c



d

Specifications	Standard Model	Stainless Model
0 to 10°C, preset at 4°C	✓	✓
Digital display	✓	✓
Temperature micro-controller with high & low alarms	✓	✓
Surge protection circuitry	✓	✓
Temperature memory with reset	✓	✓
CFC-free refrigerant, insulation and packaging	✓	✓
Automatic defrost with condensate evaporator	✓	✓
Safety shielded interior lights	✓	✓
Coated wire shelves	✓	✓
Energy efficient tempered glass doors	✓	—
300 series stainless steel interior/exterior	—	✓
Self-closing doors	✓	✓
Keyed door locks	—	✓
4" swivel casters	—	✓

Model	Cu.Ft.	Shelves	Int. Dims WxDxH	Ext. Dims WxDxH	HP	Amps
49 Std (a)	49	6	50x25x56"	54x30x79"	½	9
22 Std (b)	22	3	22x24x56"	27x30x79"	1/3	8
49 SS (c)	49	8	50x25x56"	54x30x79"	½	10
23 SS (d)	23	4	26x24x56"	29x31x80"	1/3	8

Stock No	Description (V/Hz)
7729-10149	49 cu. Ft. Standard Double Glass Door Refrigerator, 115/60
7729-10122	22 cu. Ft. Standard Single Glass Door Refrigerator, 115/60
7729-20149	49 cu. Ft. Stainless Steel Double Door Refrigerator, 115/60
7729-20123	23 cu. Ft. Stainless Steel Single Door Refrigerator, 115/60
Options	
7729-50200	Additional shelf
7729-50002	Casters, set of 4



Tray sold separately, page E-23

Digital Rocker Platform

- 24V brushless low maintenance DC motor and speed controller
- Digital display 0.55" LED readout
- Range of rotation: 0-12°
- Locking speed knob
- Peg & grommet tray attachment accepts all Bellco standard trays
- Adjustable angle of pitch: maximum 15°
- 0-30 oscillations/minute
- Timer (3 - 120 mins.) or continuous rocking action
- Dimensions: 12x15x6" (WxDxH)
- Maximum load: 20lbs (9kg)

Stock No.	Description	V/Hz/Watts
7743-10115	Digital Rocker, Base only	115/50-60/15
7743-10230	Digital Rocker, Base only	230/50/15
7743-12012	12 x 12" Flask Locking Tray, 3 dividers	
7743-12020	12 x 20" Flask Locking Tray, 5 dividers	
7743-20020	20 x 20" Flask Locking Tray, 5 dividers	



Tray Configurations (for Bellco Fernbach shake flasks)

Flask (mL)	12x12"	12x20"	20x20"
1800	-	2	4
2800	-	2	4



Tray Configurations (Bellco Erlenmeyer shake flasks)

Flask (mL)	12x12"	12x20"	20x20"
125	16	24	36
250	9	15	25
300	9	15	25
500	4	8	16
1000	4	6	9
2000	2	3	9



Standard Rocker Platform

- Perfect for electrophoresis gel staining/de-staining & microplate assay
- Speed range from 0-12 oscillations per minute
- "Peg and Grommet" design permits rapid platform changing
- Maximum load: 20lb (9Kg)
- Platform tilt: 7°



Stock No.	Description	Tray Size cm (in.)	V/Hz/Watts
7740-10100	Base/Tray	25x25 (10x10)	100/50-60/20
7740-10010*	Base/Tray	25x25 (10x10)	115/50-60/20
7740-10220	Base/Tray	25x25 (10x10)	230/50/20
7740-20200	Base/Tray	51x51 (20x20)	100/50-60/20
7740-20020*	Base/Tray	51x51 (20x20)	115/50-60/20
7740-20220	Base/Tray	51x51 (20x20)	230/50/20
7740-01000	Base Only	13x28x28 (5x11x11)	100/50-60/20
7740-10000*	Base Only	13x28x28 (5x11x11)	115/50-60/20
7740-20000	Base Only	13x28x28 (5x11x11)	230/50/20

*CSA certified model



12 Volt Rocker Platform

- Low speed rocking motion provides even mixing
- 0 to 15 oscillations per minute
- Variable speed DC motor with solid state circuitry
- Maximum load: 20 lbs

Stock No.	V/Hz/Watts	W x D x H
7777-20110	12-115/50-60/10	11x10x5.5" (26x26x16cm)
7777-20220	12-230/50/10	11x10x5.5" (26x26x16cm)

Accessory Rocker/Shaker Platform Trays

- Trays fit 7740 and 7743 series Rocker & 7777 series 12V Rocker
- "Peg and Grommet" design permits rapid platform changing

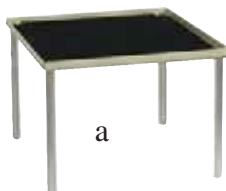


Stock No.	Description
7740-01010	25 x 25cm platform/liner
7740-01014	25 x 35cm platform/liner
7740-01212	30 x 30cm platform/liner
7740-02020	51 x 51cm platform/liner
A502-191	Replacement Liner, 25x25cm
A528-484	Replacement Liner, 25x35cm
A502-193	Replacement Liner, 30x30cm
A502-192	Replacement Liner, 51x51cm

Optional Stackable Platform Trays

- Includes spacers for 2-tiered platform configuration
- Not recommended for Shakers.

Stock No.	Description
7740-00010 (a)	25 x 25 cm platform w/posts (for stacking on 25 x 25cm tray)
7740-00020 (b)	51 x 51 cm platform w/posts (for stacking on 51 x 51 cm tray)
7740-00030 (c)	Three Tier Tray (28 x 18 x 13cm)for 7740 & 7743 series Rockers 2" clearance between trays



Belco Dancer™ Orbital Rocker

- Unique combination of vertical and horizontal orbital motion
- Promotes rapid exchange of solvents in gel techniques
- Durable construction – no belts or pulleys
- Ideal for gel staining and de-staining and Northern, Southern & Western blots
- Permanent magnet DC motor for long life

Stock No.	Power V/Hz
7745-00115	115/60
7745-00230	230/50

Specifications

Speed Range	0-125rpm
Dimensions	Base 15" x 15" (40 x 40 cm) Platform 12" x 12" (30 x 30 cm)
Adjustable Pitch	0-12°
Temperature range	0° to 40°C
Maximum load	20 lbs.



MicroDancer™ Micro Orbital Rocker

- Provides optimal mixing action with 96- 384- or 1536-well microplates
- Permanent magnet AC motor for dependable performance and quiet operation
- Platform holds 2 plates or 2 T-25 flasks
- Gentle agitation for gel and blotting techniques
- 5-minute timer or continuous operation

Specifications

Dimensions	Base: 6x7x7" (15x18x18cm); Platform: 5x7" (13x18cm)
Speed Range	0 - 20 Oscillations per minute
Pitch	9°
Maximum Load	2 lbs.



Stock No.	Voltage/Hz
7740-60115	115V/60
7740-60230	230V/50

Belly Button™ Orbital Rocker

- Designed for use in molecular and cell biology research laboratories
- Ideal for staining and de-staining of gels, incubation and washing of protein and nucleic acid membrane blots
- Retroviral infection, amplification for DNA libraries and mixing of small tubes and blood samples

Stock No	Power V/Hz
7745-20115	115/60
7745-20230	230/50

Specifications

Dimensions	Base: 8x8x4¾" (20x20x12cm) Platform 7x7" (18x18cm)
Speed Range	0-60rpm
Maximum Load	5 lbs.
Pitch	8°
Temperature range	0 - 60°C



Programmable Top Drive Roller Apparatus; 53 and 86 position

- 24V Brushless motor & controller for smooth operation and easy maintenance
- Programmable Omron controller
- Alarm jack and RS485 network port on programmable units (RS232 and 4-20mA also available)
- 6-3/8" center to center deck accommodates up to 120mm OD Bellco glass or plastic roller bottles
- Easy-to-remove roller bar assembly (tool provided)
- Front locking casters and bumpers
- Speed range: 0.08 to 7.0 rpm
- Battery level indicator flashes during battery mode (battery backup models only)
- Optional battery backup gives up to 18 hours battery backup depending on load and rpm
- Rotation switch for CW or CCW operation
- Detachable cord /fused power inlet module
- All Position Drive
- Optional audible/visual motion alarm (factory install only)
- Dimensions: 53 Position: 76H x 32W x 26"D (193 x 81 x 63cm)
86 Position: 76H x 48W x 26"D (193 x 122 x 63cm)

53 position Stock No.	86 position Stock No.	Volts/Hz/Watts	Battery Backup
7400-10115	7420-10115	115/60/20	no
7400-10230	7420-10230	230/50/20	no
7400-20115	7420-20115	115/60/20	yes
7400-20230	7420-20230	230/50/20	yes

7400-11111 Motion alarm (factory install)



Digital Top Drive Roller Apparatus; 53 and 86 position

- 24V Brushless motor & controller for smooth operation and easy maintenance
- Digital LED display panel 0.55"
- 6-3/8" center to center deck for up to 120mm OD Bellco glass or plastic roller bottles
- Easy-to-remove roller bar assembly (tool provided)
- Front locking casters and bumpers
- Speed range: 0.08 to 7.0 rpm
- Locking speed knob & rotational switch
- Battery level indicator flashes in battery mode (battery backup models only)
- Optional battery backup gives up to 18 hours depending upon load and rpm
- Detachable cord /fused power inlet module
- All Position Drive standard
- Optional audible/visual motion alarm (factory install only)
- Dimensions: 53 Position: 76H x 32W x 26"D (190 x 81 x 66cm)
86 Position: 76H x 48W x 26"D (190 x 122 x 66cm)

53 position Stock No.	86 position Stock No.	Volts/Hz/Watts	Battery Backup
7440-10115	7460-10115	115/60/20	no
7440-10230	7460-10230	230/50/20	no
7440-20115	7460-20115	115/60/20	yes
7440-20230	7460-20230	230/50/20	yes

7400-11111 Motion alarm (factory install)



C €



Programmable Bottom Drive Roller Apparatus

- 24V Brushless DC motor and controller
- Programmable Omron controller with RS485 port and motion alarm port
- All position drive standard
- Accepts all Bellco roller bottles up to 120mm OD and 510mm body length
- Battery Backup models give up to 18 hours of battery power during power interruption*
- Battery level indicator
- Rotational switch for CW & CCW rotation
- Optional motion alarm (factory install only)
- Speed range: 0.08 to 7.0 rpm
- Dimensions†:
 - 8-deck 58½H x 32W x 26"D (148.5 x 81 x 61cm)
 - 9-deck 67H x 32W x 26"D (170 x 81 x 66cm)
 - 10-deck 73H x 32W x 26"D (188 x 81 x 66cm)

*Total battery time is dependent upon bottle load and rpm

†Height includes top row of bottles

8 Deck/40 pos. Stock No.	9 Deck/45 pos. Stock No.	10 Deck/50 pos. Stock No.	Volts/Hz/Watts	Battery Backup
7375-08115	7300-09115	7300-10115	115/60/20	no
7375-08230	7300-09230	7300-10230	230/50/20	no
7385-08115	7320-09115	7320-10115	115/60/20	yes
7385-08230	7320-09230	7320-10230	230/50/20	yes

7440-11111 Motion Alarm (Factory Install)

Digital Bottom Drive Roller Apparatus

- Digital Display speed indicator readout
- 24V Brushless DC motor & controller for maintenance-free operation
- Locking speed control knob
- All position drive standard
- Accepts all Bellco roller bottles up to 120mm OD and 510mm body length
- Optional Battery Backup gives up to 18 hours of battery power during power interruption*
- Battery level indicator
- Rotational switch for directional change
- Optional motion alarm (factory install only)
- Speed range: 0.08 to 7.0 rpm
- Dimensions†:
 - 8-deck 58½H x 32W x 26"D (148.5 x 81 x 61cm)
 - 9-deck 67H x 32W x 26"D (170 x 81 x 66cm)
 - 10-deck 73H x 32W x 26"D (180 x 81 x 66cm)

*Total battery time is dependent upon bottle load and rpm.

†Height includes top row of bottles

8 Deck/40 pos. Stock No.	9 Deck/45 pos. Stock No.	10 Deck/50 pos. Stock No.	Volts/Hz/Watts	Battery Backup
7370-08115	7340-09115	7340-10115	115/60/20	no
7370-08230	7340-09230	7340-10230	230/50/20	no
7380-08115	7360-09115	7360-10115	115/60/20	yes
7380-08230	7360-09230	7360-10230	230/50/20	yes

7440-11111 Motion Alarm (Factory Install)

C €



Modular Cell Production Roller Apparatus

- Modular construction— add a deck as requirements change (maximum 10 decks)
- Speed range: 0.1 to 4.0 RPM
- Analog speed indicator and a locking speed control knob
- Front access fuse for easy servicing
- Heavy duty casters for ease of movement
- Accepts all Bellco Roller Bottles and 110mm and 120mm OD, glass and plastic* bottles up to 51 cm body length
- Electrical requirements: 115V/60Hz/35W; 230V/50Hz/35W

Stock No	Description	Bottle Positions	Dimensions W x D x H (cm)	Dimensions W x D x H (in.)
115V Models				
7630-75000	Base Only	5	75 x 63 x 37	24¾ x 30 x 14½
7630-75011	Base and 1 Deck	10	75 x 63 x 55	24¾ x 30 x 22
7630-75012	Base and 2 Decks	15	75 x 63 x 73	24¾ x 30 x 29
7630-75013	Base and 3 Decks	20	75 x 63 x 91	24¾ x 30 x 36
7630-75014	Base and 4 Decks	25	75 x 63 x 109	24¾ x 30 x 43
7630-75015	Base and 5 Decks	30	75 x 63 x 127	24¾ x 30 x 50
7630-75016	Base and 6 Decks	35	75 x 63 x 145	24¾ x 30 x 57
7630-75017	Base and 7 Decks	40	75 x 63 x 163	24¾ x 30 x 64
7630-75018	Base and 8 Decks	45	75 x 63 x 180	24¾ x 30 x 71
230V Models				
7630-75220	Base Only	5	75 x 63 x 37	24¾ x 30 x 14½
7630-75221	Base and 1 Deck	10	75 x 63 x 55	24¾ x 30 x 22
7630-75222	Base and 2 Decks	15	75 x 63 x 73	24¾ x 30 x 29
7630-75223	Base and 3 Decks	20	75 x 63 x 91	24¾ x 30 x 36
7630-75224	Base and 4 Decks	25	75 x 63 x 109	24¾ x 30 x 43
7630-75225	Base and 5 Decks	30	75 x 63 x 127	24¾ x 30 x 50
7630-75226	Base and 6 Decks	35	75 x 63 x 145	24¾ x 30 x 57
7630-75227	Base and 7 Decks	40	75 x 63 x 163	24¾ x 30 x 64
7630-75228	Base and 8 Decks	45	75 x 63 x 180	24¾ x 30 x 71
7630-75010	Deck Only	5	75 x 63 x 18	24¾ x 30 x 7

* 7630-50555 All Position Drive is recommended for use with plastic bottles (1 per deck required)



Base & 2 Decks

Sci/ERA™ Modular Roller Apparatus with Stand-by Drive & Alarm

- Modular construction lets you add a deck at a time
- Stand-By Drive and Alarm
- All Position Drive
- 0.1 to 4.0 RPM standard
- Digital speed indicator
- Locking speed control knob
- Accepts Bellco 110 and 120mm OD x 510mm glass and plastic roller bottles
- Electrical requirements: 115V/60Hz/35W; 230V/50Hz/35W

Sci/ERA Roller Apparatus line is designed to prevent motor failure and loss of product in the event of electrical service outage, circuit disconnection or blown fuse. The Sci/ERA™ Cell Production Roller System virtually eliminates the threat of cell loss by providing auxiliary battery power reserve, dual drive motors, and motion detection circuitry.

Battery backup provides up to 18 hours of continuous operation during power failure. *
Stand-By Drive and Alarm System will disconnect the primary motor and energize the secondary motor upon motion loss, bypassing the mechanical or motor fault.

Audible and visual alarm system complete with remote jack for interfacing with alarm systems or computers, warns of AC power failure or motion loss.

*Total battery time is dependent upon bottle load and rpm.



Stock No	Stock No	Description	Bottle Positions	Dimensions W x D x H (cm)	Dimensions W x D x H (in.)
115V Models		230V Models			
7630-85000	7630-85220	Base Only	5	75 x 63 x 37	24¾ x 30 x 14½
7630-85011	7630-85221	Base and 1 Deck	10	75 x 63 x 55	24¾ x 30 x 22
7630-85012	7630-85222	Base and 2 Decks	15	75 x 63 x 73	24¾ x 30 x 29
7630-85013	7630-85223	Base and 3 Decks	20	75 x 63 x 91	24¾ x 30 x 36
7630-85014	7630-85224	Base and 4 Decks	25	75 x 63 x 109	24¾ x 30 x 43
7630-85015	7630-85225	Base and 5 Decks	30	75 x 63 x 127	24¾ x 30 x 50
7630-85016	7630-85226	Base and 6 Decks	35	75 x 63 x 145	24¾ x 30 x 57
7630-85017	7630-85227	Base and 7 Decks	40	75 x 63 x 163	24¾ x 30 x 64
7630-85018	7630-85228	Base and 8 Decks	45	75 x 63 x 180	24¾ x 30 x 71
7630-85010	7630-85010	Deck Only	5	75 x 63 x 18	24¾ x 30 x 7

Sci/ERA Fixed Frame Cell Production Apparatus

- Stand-By Drive and Alarm
- All Position Drive
- 0.1 to 4.0 RPM standard
- Digital speed indicator
- Locking speed control knob
- Accepts Bellco 110 and 120mm OD x 510mm glass and plastic roller bottles
- Electrical requirements: 115V/60Hz/35W; 230V/50Hz/35W

Stock No	Description	Bottle Positions	Dimensions W x D x H (cm)	Dimensions W x D x H (in.)
115V Models				
7630-80509	9 Decks	45	82 x 65 x 180	32 x 26 x 71
7630-80510†	10 Decks	50	82 x 65 x 198	32 x 26 x 78
230V Models				
7630-82509	9 Decks	45	82 x 65 x 180	32 x 26 x 71
7630-82510†	10 Decks	50	82 x 65 x 198	32 x 26 x 78

† These units do not fit in Bellco Refrigerated Roll-In Incubators.

Benchtop 10 Position Roller Apparatus with All Position Drive

- Fits inside Bellco Benchtop Incubator
- Speed range: 0.1 to 4.0 RPM with digital display readout
- Accepts Bellco glass & plastic roller bottles up to 120mm OD
- Dimensions: 73x32x37cm (29x12.5x14.5")*
- Shipping Weight: Approx 50 lbs.

*Add 3" for bottle height

Stock No.	V/Hz/Watts
7621-20115	115/50-60/35
7621-20230	230/20/35



Economy Roller Apparatus with All Position Drive

- Speed range: 0.1 to 3.0 RPM
- Accepts Bellco glass & plastic roller bottles up to 120mm OD
- Clearance between decks: 13.4cm
- Dimensions: 14x13x7.5"*; second deck, add 7"
- Solid state electronic control; analog meter

*Add 3" for bottle height

Stock No.	V/Hz/Watts	Bottle Position
7622-01020*	115/50-60/35	2
7622-02020*	115/50-60/35	4 (2 deck)
7622-01220	230/50/35	2
7622-02220	230/50/35	4 (2 deck)

*CSA Models

All Position Drive Conversion Kit

- Adapts any rear drive Roller Apparatus unit to operate with plastic bottles

Stock No.	Use With:
7630-50555*	7630-Modular and Fixed Frame series

*requires one unit per deck

Roller Bottle with 45mm Linerless Screw Cap

- Borosilicate glass, Type 1, Class A
- 45 mm Polypropylene screw cap provides secure seal
- Polypropylene pouring ring allows drip free pouring and protects rim
- Replacement cap: 5637-00045; Pouring ring: 5637-10045

Stock No.	Area (cm ²)	OD x OAL (mm)	Case Qty.
7715-45585	1585	110x 570	2



Roller Bottle with 38mm Rubber Lined Screw Cap

- Borosilicate glass, Type 1, Class A
- 38 mm deep-skirt, nontoxic, rubber lined phenolic screw cap
- Replacement cap: 2029-0038A

Stock No.	Area (cm ²)	OD x OAL (mm)	Case Qty.
7730-38285	670	110 x 284	2
7730-38440	1170	110 x 440	2
7730-38490	1330	110 x 490	2
7730-38585	1585	110 x 570	2



Roller Bottle with 51mm Rubber Lined Screw Cap

- Borosilicate glass, Type 1, Class A
- 51 mm short-skirt, nontoxic, rubber lined phenolic screw cap
- Large mouth facilitates cell harvesting
- Replacement cap: 2029-0051A



Stock No.	Area (cm ²)	OD x OAL (mm)	Case Qty.
7730-51270	670	110 x 270	2
7730-51475	1330	110 x 475	2
7730-51585	1585	110 x 570	2

Roller Bottle with 51mm Rubber Lined Cap & Indented Bottom

- Borosilicate glass, Type 1, Class A
- Larger outside diameter for greater growth area per bottle
- Indented bottom for placement of two bottles on a standard roller
- 51 mm short-skirt, nontoxic, rubber lined phenolic screw cap
- Replacement cap: 2029-0051A



Stock No.	Area (cm ²)	OD x OAL (mm)	Case Qty.
7730-51120	835	120 x 285	2

Roller Bottle Brush

- For 110 mm OD roller bottles w/ 51mm opening
- Nylon bristles for easy cleaning of hard-to-reach surfaces



Stock No.	Useable Length	Case Qty.
7731-11111	690mm	2



Roller Bottle Rinser

- Rinses any bottle over 75mm inside height x ID from 10 to 102 mm
- Connects to a standard laboratory water tap (max 80 PSIG)
- Pressurized water reaches every corner with a unique swirling action
- Includes one meter length of 3-ply, high pressure hose

Stock No.	Description
7731-88285	Bottle Rinser
7731-88290	Replacement Cap

Cell Scraper

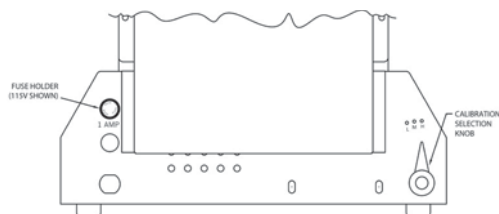
- Stainless steel blade holder mounted on plastic covered stainless steel handle
- Fully autoclavable

Stock No.	Description	Case Qty.
7731-22000	Small, 5/8 x 1/4" blade x 7 3/4" handle	2
7731-22111	Medium, 1 1/4 x 9/16" blade x 13" handle	1
7731-22222	Large, 2 3/4 x 3/4" blade x 24 1/2" handle	1
7731-22005	Replacement blade (small)	10
7731-22115	Replacement blade (medium)	10
7731-22225	Replacement blade (large)	10



Roller Drum with Digital Display

- Digital speed display has 0.55" LCD
- Locking speed knob
- Adjustable foot for 0-7° drum tilt
- Preset speed range is .5 to 50rpm (.3 to 3 and .2 to 12) via selector switch
- Four drums available to hold most tube sizes
- Rear speed range switch insures display accuracy



Stock No.	Description (V/Hz/Watts)
7736-10115	Base only, 115/50-60/20
7736-10230	Base only, 230/50/20

Replacement Drums

Stock No.	Dimensions w/base	# Tubes x OD (mm)
7736-20164	46x28x55cm (18x15x21.5")	164 x 16
7736-20351	46x28x61cm (18x15x24")	351 x 16
7736-20025	46x28x61cm (18x15x24")	156 x 25
7736-20050	46x28x61cm (18x15x24")	128 x 30

Rotamix & Interchangeable Accessories

- Provides 360° rotation for all types of mixing and extraction protocols
- Small compact design and variable speed control with an LCD digital display
- Ideal for Immunoprecipitation extractions and phase separations
- Can be used in the cold room, at room temperature or in an incubator

Specifications

Rotation Speed	0-80 rpm
Material	Chemically resistant coated steel case, stainless steel rods
Voltage	12V power transformer supplied with unit
Motor	Variable speed DC
Dimensions (LxDxH)	41x13x15cm (16x5x6")

Stock No.	Description
7770-00115	Rotamix, 115V
7770-10115	Rotamix, 115V, Digital Display
7770-10230	Rotamix, 230V, Digital Display

7770-00300	Rod for 14 tubes, 28-30mm, 30-50mL
7770-00400	Rod for 26 tubes, 15-17mm, 10-15mL
7770-00500	Rod for 14 tubes, 1.5mL or 12-15mL
7770-00600	Rod for 26 tubes, 9-12mm, 1.5mL
7770-00700	Platform rack for 96 each 1.5mL or 0.5mL tubes
7770-00800	Rod for 6 tubes, 50mL, Clamped Horizontally
7770-00900	Rod for 8 tubes, 15mL, Clamped Horizontally



Blood Tube Rotator

- Fully adjustable mixing angle
- Quick, easy loading and removal of tubes
- Holds up to 20 tubes with diameter 9-19mm
- Constant speed of 33 rpm
- Tubes and tube holder sold separately



Specifications

Number of tubes	20
Tube size (diameter)	9mm to 19mm
Rotation speed:	33rpm
Dimensions (WxDxH)	9 x 9 x 10.5" (23 x 23 x 26cm)

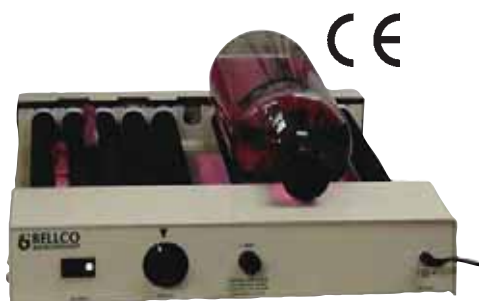
Stock No.	Description
4704-54115	115V/60Hz
4704-55027	230V/50Hz
4704-54142	Tube holder

Mini Tube Roller

- Accommodates various bottle dimensions by removing idler rollers
- Speed range up to 40rpm (depending upon bottle OD)
- Minimum OD 16mm; maximum OD 120mm
- Idler rollers are easily removable
- Lightweight aluminum construction

Specifications

Dimensions (WxDxH)	15 x 17 x 3"
Max bottle length:	10"
Maximum Load:	10lbs
# Idler rollers	5
# Drive rollers	6



Stock No.	Description (V/Hz/Watts)
7622-30115	Tube Roller, 115/60/
7622-30230	Tube Roller, 230/50/
7622-30010	Drive Roller
7622-30020	Idler Roller

Low Profile Single Pan Hot Shaker

Low Profile Dual Pan Hot Shaker

- Ideal for:
 - DNA protocols
 - Incubation of electrophoretic gels
 - Hybridization assays
 - Temperature sensitive assays
 - Hot staining protocols.
- Front mounted control panel keeps hands away from hot pan
- Locking speed control knob
- Automatic heater over-temperature shutoff
- 1-inch orbiting platform
- Removable 12 L pan on Single Pan model
- 2 Removable 5 L pans on Dual Pan model
- 24V Brushless motor & controller for quiet operation and low maintenance
- Convenient detachable power cord
- Stainless steel lid(s) with temperature port(s) included
- Glass dish liner (Single Pan model only)
- Temperature Range: ambient +5°C to 99°C
- Speed Range: 0-75 oscillations per minute



a



b



c



d



e

Stock No.	Description	Chamber	Voltage/Hz/Watts	Overall Dimensions
7746-42115 (a)	Single Pan	18.5x10.5x4" (47x27x10cm)	115/60/500	22 x 20½ x 9½" (56 x 52 x 24cm)
7746-42230	Single Pan	18.5x10.5x4" (47x27x10cm)	230/50/500	22 x 20½ x 9½" (56 x 52 x 24cm)
7746-52115 (b)	Dual Pan	10x8x4" (25x20x10cm)	115/60/500	22 x 20½ x 9½" (56 x 52 x 24cm)
7746-52230	Dual Pan	10x8x4" (25x20x10cm)	230/50/500	22 x 20½ x 9½" (56 x 52 x 24cm)

7746-12400 (c)	Single Pan Plastic Cover
7746-32400 (d)	Dual Pan Plastic Cover (2 required)
A528-208 (e)	Single Pan Glass Dish

7746-10125	Flask Clamp Tray* 125mL
7746-10250	Flask Clamp Tray* 250mL
7746-10500 (f)	Flask Clamp Tray* 500mL

*Use with Single Pan model only.

Clamps

10

8

6



f



Digital Orbital Shaker

- 24V Brushless low maintenance DC motor and controller
- Digital display 0.55" LCD readout
- Locking speed knob
- Peg & grommet tray attachment accepts all Bellco standard trays
- Orbit: 1"
- Speed range: 10-350 orbits per minute
- Timer (3-120 minutes) or continuous shaking action
- 3 Trays accommodate up to 2.8L flasks (sold separately)
- Dimensions: 12 x 14 x 4½" (31x36x12cm) (base only)



Stock No.	Description	V/Hz/Watts
7644-10115	Digital Orbital Shaker, Base	115/50-60/15
7644-10230	Digital Orbital Shaker, Base	230/50/15

Trays (purchased separately)

7743-12012	12x12x3.5" (30x30x9cm) Flask Locking Tray, 3 dividers
7743-12020	12x20x3.5" (30x51x9cm) Flask Locking Tray, 5 dividers
7743-20020	20x20x3.5" (51x51x9cm) Flask Locking Tray, 5 dividers

Digital Mini-Orbital Shaker

- 24V Brushless low maintenance DC motor and controller
- Digital display 0.55" LCD readout
- Locking speed knob
- Low profile space-saving chassis with mounting flanges
- Peg & grommet tray attachment
- Orbit: 1/16"
- Speed range: 40-1550 orbits per minute**
- Timer or continuous shaking action
- Dimensions: 12 x 14 x 4½" (base only)



**When operated at speeds in excess of 800rpm, the Mini-Orbital Shaker should be mounted to a fixed surface using the mounting flanges. Failure to do so may cause the unit to 'walk' at high speeds.

Stock No.	Description	V/Hz/Watts
7644-20115	Digital Mini-Orbital Shaker, Base	115/50-60/15
7644-20230	Digital Mini-Orbital Shaker, Base	230/50/15

Accessory Trays (purchased separately)

7743-12012	12x12" (30x30cm) Flask Locking Tray, 3 Dividers
7644-12012	12x12" (30x30cm) HTS Microplate Tray w/cover+

+Holds maximum of 24 microplates.

Mini Orbital Shaker w/ 8 Position Tray

- Tray holds up to eight 96-well microplates
- Speed range: 0 to 1550 rpm
- Timed mixing or continuous operation
- Orbit: 1/16"
- Peg & grommet platform design for easy setup
- Low profile and compact design fits minimum of space
- Maximum Load: 25 lb.

Stock No.	V/Hz/Watts
7744-08196*	Mini Shaker, 100/50-60/20
7744-08096*	Mini Shaker, 115/50-60/20
7744-89622*	Mini Shaker, 230/50/20

*Includes base plus 7744-08800 tray

****When operated at speeds in excess of 800rpm, the Mini-Orbital Shaker should be mounted to a fixed surface using the mounting flanges. Failure to do so may cause the unit to 'walk' at high speeds.**

Components	Description	Dimensions
7744-08100	Base Only 100V	13 x 28 x 28cm
7744-08115	Base Only, 115V	13 x 28 x 28cm
7744-08230	Base Only, 230V	13 x 28 x 28cm
7744-08240	Shake Tray 32 Pos.	27 x 41cm (4 layer)**
7744-08800	Shake Tray 8 Pos.	27 x 41cm (1 layer)



Standard Orbital Shaker

- Ideal for hybridization and gel agitation
- Rubber lined tray is ½ inch offset providing a circular orbit
- Speed Range: 0-350 rpm; Orbit: 2.5cm (1")
- Peg and grommet platform design for easy setup
- Maximum Load: 25 lb.

Stock No.	V/Hz/Watts	Dimensions (cm)
7744-00100	Base Only, 100	13 x 28 x 28
7744-01000	Base Only, 115	13 x 28 x 28
7744-02000	Base Only, 230	13 x 28 x 28
7744-01100	100/50-60/20	25 x 25 tray
7744-02200	100/50-60/20	51 x 51 tray
7744-01010	115/50-60/20	25 x 25 tray
7744-02020	115/50-60/20	51 x 51 tray
7744-10220	230/50/20	25 x 25 tray
7744-20220	230/50/20	51 x 51 tray



12 Volt Micro Orbital Shaker

- Ideal for reactions using 96- 384- or 1536-Well microplates
- Platform with spring clips holds 2 plates
- 5-Minute timer with continuous position
- Stainless steel cover & aluminum chassis
- Speed Range: 0-1100 rpm
- Orbit: 1/32"
- Maximum load: 3 lbs.

Stock No.	V/Hz/Watts	Dimensions
7745-10115	12 (115)/60/20	8 x 8 x 6" (20 x 20 x 15cm)
7745-10230	12 (230)/50/20	8 x 8 x 6" (20 x 20 x 15cm)



12 Volt btb Orbital Shaker

- 50 to 350 RPM with one inch orbital motion
- Variable speed DC motor has solid state circuitry
- Rubber suction cup feet for firm attachment
- Counterbalanced drive shafts for precise orbital motion
- Includes 25x25cm (10x10") tray

Stock No.	V/Hz/Watts	W x D x H
7777-30110	115/60/20	11 x 11 x 5" (28 x 28 x 14cm)
7777-30220	230/50/20	11 x 11 x 5" (28 x 28 x 14cm)



Erlenmeyer Flask Shaker Trays for 25x25cm (10x10") Platforms

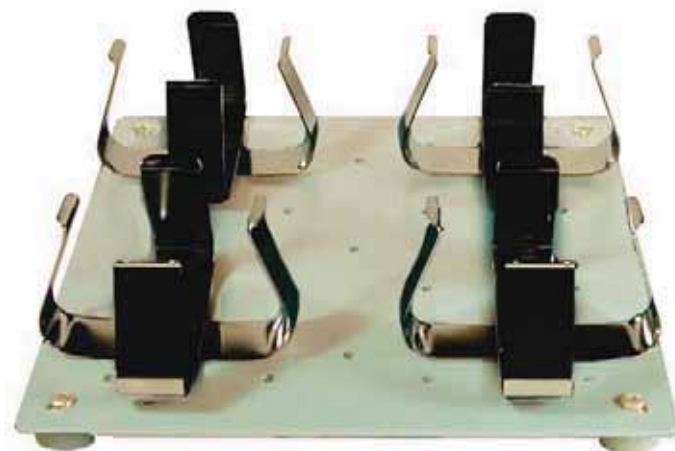
- Pre-mounted stainless steel clamps for Bellco Erlenmeyer flasks
- Flask tray fits on top of standard tray platform
- Includes clamps

Erlenmeyer Flask Shaker Trays for 25 x 25 cm Platforms

Stock No.	Flask Size (mL)	#Flask Positions
7744-02516	25	16
7744-05016	50	16
7744-12509	125	9
7744-25005	250	5
7744-50004	500	4
7744-10004	1000	4

Erlenmeyer Flask Shaker Trays for 51 x 51 cm Platforms

Stock No.	Flask Size (mL)	#Flask Positions
7744-02549	25	49
7744-05049	50	49
7744-12525	125	25
7744-25016	250	16
7744-50009	500	9
7744-10009	1000	9



Flask Clamps and Universal Platforms for Shakers

- Purchase individual pieces to build various configurations
- Flask tray fits onto standard platform

Stock No.	Description	25 x 25 cm tray accepts	51 x 51 cm tray accepts
7744-17010	25 x 25 cm Tray only	~~~	~~~
7744-17020	51 x 51 cm Tray only	~~~	~~~
7744-16025	25mL Flask Clamp	16	49
7744-16050	50mL Flask Clamp	16	49
7744-16125	125mL Flask Clamp	9	25
7744-16250	250mL Flask Clamp	5	16
7744-16500	500mL Flask Clamp	4	9
7744-16100	1000mL Flask Clamp	4	9
7744-16200	2000ml Flask Clamp	2	4

Bell-ennium™ Magnetic Stirrers

Features	Digital Display	Process Controlled
Brushless Motor & Motor Controller	✓	✓
In Line Power Supply	✓	✓
Low Profile Aluminum Chassis	✓	✓
On/Off Rocker Switch	✓	✓
Stainless Steel Cover	✓	✓
Non-slip Timing Belts	✓	✓
Heavy Duty Magnetic Drive Plate	✓	✓
Digital RPM Display Panel	✓	✓
Process Controller w/ Digital Readout	~	✓
RS 485 Network Data Port/Motion Alarm Jack	~	✓

Bell-ennium™ One Position Magnetic Stirrers

Stock No.	Description (V/Hz/Watts)
7785-D1108	One Position Digital, 100-115/50-60/25
7785-D1208	One Position Digital, 230/50/25
7785-P1108	One Position Process, 100-115/50-60/25
7785-P1208	One Position Process, 230/50/25
7785-D1136	One Position Digital, 100-115/50-60/25W
7785-D1236	One Position Digital, 230/50/25
7785-11111	Optional Motion Alarm, Digital, Factory Install Only
7785-22222	Optional Motion Alarm, Process, Factory Install Only



Specifications

Speed Range	15-500rpm
Dimensions	8L: 10 x 11 x 3½" (25 x 28 x 8.5cm)* 36L: 18 x 20 x 3½" (45 x 51 x 8.5cm)*
Weight	8L: 8 lbs (4.kg) 36L: 17 lbs (7.5kg)
Maximum Flask Size	1 up to 8L 1 up to 36L

* Allow 1 - 2 inches for rear plug-in accessories





Bell-ennium™ Two Position Magnetic Stirrers

Stock No. Description (V/Hz/Watts)

7785-D1502	Two Position Digital, 100-115/50-60/25
7785-D1512	Two Position Digital, 230/50/25
7785-P1502	Two Position Process, 100-115/50-60/25
7785-P1512	Two Position Process, 230/50/25
7785-11111	Optional Motion Alarm, Digital, Factory Install Only
7785-22222	Optional Motion Alarm, Process, Factory Install Only



Specifications

Speed Range	15-500rpm
Dimensions	20 x 11 x 3½" (51 x 28 x 8.5cm)*
Weight	12 lbs (5.5kg)
Maximum Flask Size	2 x 8L
* Allow 1 - 2 inches for rear plug-in accessories	



Bell-ennium™ Five Position Magnetic Stirrers

Stock No. Description (V/Hz/Watts)

7785-D2005	Five Position Digital, 100-115/50-60/25
7785-D2015	Five Position Digital, 230/50/25
7785-P2005	Five Position Process, 100-115/50-60/25
7785-P2015	Five Position Process, 230/50/25
7785-11111	Optional Motion Alarm, Digital, Factory Install Only
7785-22222	Optional Motion Alarm, Process, Factory Install Only



Specifications

Speed Range	15-500rpm
Dimensions	16½ x 18 x 3½" (42 x 45 x 8.5cm)*
Weight	18 lbs (8.2kg)
Maximum Flask Size	5 x 1L; or 4 x 3L
* Allow 1 - 2 inches for rear plug-in accessories	

Bell-ennium™ Compact Five Position Magnetic Stirrers

Stock No.	Description (V/Hz/Watts)
7785-D5005	Five Position Compact Digital, 100-115/50-60/25
7785-D5015	Five Position Compact Digital, 230/50/25
7785-P5005	Five Position Compact Process, 100-115/50-60/25
7785-P5015	Five Position Compact Process, 230/50/25
7785-11111	Optional Motion Alarm, Digital, Factory Install Only
7785-22222	Optional Motion Alarm, Process, Factory Install Only



Specifications

Speed Range	15-500rpm
Dimensions	14½ x 15 x 3½" (37 x 38 x 8.5cm)*
Weight	18 lbs (8.2kg)
Maximum Flask Size	5 x 500mL; or 4 x 1L

* Allow 1 - 2 inches for rear plug-in accessories



Bell-ennium™ Nine Position Magnetic Stirrers

Stock No.	Description (V/Hz/Watts)
7785-D9005	Nine Position Digital, 100-115/50-60/25
7785-D9015	Nine Position Digital, 230/50/25
7785-P9005	Nine Position Process, 100-115/50-60/25
7785-P9015	Nine Position Process, 230/50/25
7785-11111	Optional Motion Alarm, Digital, Factory Install Only
7785-22222	Optional Motion Alarm, Process, Factory Install Only



Specifications

Speed Range	15-500rpm
Dimensions	16½ x 18 x 3½" (42 x 45 x 8.5cm)*
Weight	20 lbs (9kg)
Maximum Flask Size	9 x 500mL (70mm neck)

* Allow 1 - 2 inches for rear plug-in accessories



Bell-ennium™ Magnetic Stirrer Accessories

Stock No.	Description
9700-10115	In-line Power Supply, 100/115V
9700-10230	In-line Power Supply, 230V





Bell-Stir Magnetic Stirrers

- Designed for mammalian and bacterial cultures
- Ideal for tissue cultures grown in spinner flasks
- Low wattage DC motors and solid state circuitry
- Independent power and speed controls
- Polyurethane drive belts resist humidity and temperature

Stock No.	V/Hz/Watts	Max Flask (L)	Dimensions W x D x H	Speed Range RPM
7760-06100	100/50/20	1	16 x 16 x 13cm	30 to 1000
7760-06103	100/50/20	8	26 x 26 x 13cm	30 to 1000
7760-06000†	115/60/20	1	16 x 16 x 13cm	30 to 1000
7760-06005†	115/30/20	4	26 x 26 x 13cm	30 to 1000
7760-06003†	115/60/20	8	26 x 26 x 13cm	30 to 1000
7760-06220*	230/50/20	1	16 x 16 x 13cm	30 to 1000
7760-06223	230/50/20	8	16 x 26 x 13cm	30 to 1000

*Not CE compliant; †CSA Model

SBS30 Shaking Water Bath

- Choice of platform for orbital or linear shaking action (sold separately)
- Variable speed control, digital display and temperature selection
- Integral shaker drive built under the stainless steel tank
- Magnetically couples to shaking platforms in either an orbital or linear motion
- Erlenmeyer flasks: 8 x 250mL, 6 x 500mL, 4 x 1000mL
- Adjustable shaking speed

Stock No.	Description
7748-20115	Shaker Platform Only
7748-21000	Linear Motion Platform
7748-22000	Orbital Motion Platform
7748-31000	Cover w/Handle
7748-32000	Springs, pkg/10



Specifications

Nominal Capacity	24L
Temperature Range	Ambient +5°C to 100°C
Temperature Stability	± 0.25°C
Adjustable cut-off	Yes
Shaking Speed/Orbit	30-150rpm/16mm
Internal Dimensions	12 x 8 x 20" (30 x 20 x 50cm)
Overall Dimensions	13.5 x 13 x 21.5" (33.5 x 32 x 54cm)
Net Weight	18.3kg (40lb)
Electrical	120/60, 1900 W