

Roller Apparatus and large Roll-In Incubator

Bellco's Cell Production Roller Apparatus are ideally suited to perform pilot scale experiments or gear up for high volume production. The product line ranges from the two-position economy model to an 86 position high-production unit. The process-controlled Roller Apparatus can interface with computers. The Sci/ERA™ units have special alarm and safety systems. All models feature ramped bottle stops for easy bottle removal, keyed roller shafts to prevent slippage, and removable rollers for simple maintenance. Rollers are manufactured of a non-transferring, chemical resistant rubber (EDPM) compound and are mounted on ball-bearing shafts. The Bellco Roller Apparatus units can be used at environmental conditions of 4 °C to 50 °C and a non-condensing, relative humidity of 0 to 90 %.

Modular Roller Apparatus, with or without Alarm System (Sci/ERA™)

- Modular construction of a base and up to 8 separate decks (5 positions per deck)
- Speed range: 0.1 to 4.0 rpm (optional Slow Speed Kits available on request)
- Accepts glass or plastic roller bottles with 11 to 12 cm outer diameter and up to 57 cm total length (roller length 51 cm)
- Clearance between decks: 13.4 cm

Standard units:

- Analog speed indicator and a locking speed control knob

Sci/ERA™ units:

- Digital speed indicator and a locking speed control knob
- All position drive
- Audible and visual alarm system with remote jack for interfacing with alarm systems or computers
- Stand-by drive and alarm system: A redundant stand-by motor is started in case of mechanical or motor fault of the primary motor
- Battery back-up: up to 18 hours of continuous operation during power failure (depending on load and rpm)



Base and 2 Decks,
Standard unit



Base and 8 Decks,
Sci/ERA™ unit

Standard

Cat. No.	Description	Positions	Dimensions (w x d x h)
7630-75220	Base only	5	approx. 81 x 63 x 46 cm
7630-75221	Base and 1 Deck	10	approx. 81 x 63 x 64 cm
7630-75222	Base and 2 Decks	15	approx. 81 x 63 x 82 cm
7630-75223	Base and 3 Decks	20	approx. 81 x 63 x 100 cm
7630-75224	Base and 4 Decks	25	approx. 81 x 63 x 118 cm
7630-75225	Base and 5 Decks	30	approx. 81 x 63 x 136 cm
7630-75226	Base and 6 Decks	35	approx. 81 x 63 x 154 cm
7630-75227	Base and 7 Decks	40	approx. 81 x 63 x 172 cm
7630-75228	Base and 8 Decks	45	approx. 81 x 63 x 189 cm
7630-75010	Deck only	5	approx. 81 x 63 x 18 cm

7630-50555 All position drive, recommended for use with plastic bottles

Sci/ERA™

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7630-85220	Base only	5	approx. 81 x 63 x 46 cm
7630-85221	Base and 1 Deck	10	approx. 81 x 63 x 64 cm
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7630-85010	Deck only	5	approx. 81 x 63 x 18 cm

7630-60666 Slow Speed Kit for 0.100 to 2.0 rpm

7630-70777 Slow Speed Kit for 0.085 to 1.7 rpm