

Thermo Scientific Cimarec Biosystem Stirrers for Cell Culture

Gentle stirring and low heat output protect sensitive cell cultures. Stir microcarrier cultures, culture broths and cell suspensions inside your CO₂ incubator.

- Hermetical sealed housing resists microorganisms
 - Separate external controller ensures that only the hermetically sealed stirrer is exposed to the CO₂ environment
- Heatless operation
 - Protects thermal sensitive cell culture
 - Will not compromise the incubator chamber conditions
- Stainless steel housing is easy to clean, and resists aggressive media
- Gradual low-shear acceleration on start up
- Controller has adjustable power settings
 - Decreases power consumption
 - Lowers heat output
- Smooth and even stirring as low as 5 rpm
- Single position stirrers have the power to stir up to 20 L
- Four-position stirrers can stir up to 5 L per position

Required: Biomodul 40 B control unit

Controller has high visibility display, adjustable stirring and pause times with rotation sense inversion. Enables synchronized operation of two Biosystem stirrers.

- 50118915 – 230 V Germany
- 50118918 – 230 V UK
- 50118921 – 230 V China
- 50118916 – 230 V Italy
- 50118919 – 230 V Switzerland
- **50126086 – 115 V US**
- 50118917 – 230 V Denmark
- 50118920 – 230 V Australia



Model	Part Number	Voltage/Plug Type	Speed (rpm)	Protection Class	Power Settings (W)	Dimensions WxDxH (mm)	Weight (kg)
Biosystem w/o Controller	50119113	n/a	5-120	IP68	0.4-4	180 x 180 x 60	3.4
Biosystem 4 Position w/o Controller	50119114	n/a	5-120	IP68	0.4-4	330 x 330 x 60	9.4

Operating conditions are -10 to +56°C at 100% rH

Thermo Scientific Cimarec Biosystem Direct Stirrers for Cell Culture

- Can be used for gentle stirring outside of a CO₂ incubator
- Built-in controller
- Heatless operation
 - Protects heat sensitive cell culture
- Stainless steel housing is easy to clean, and resists aggressive media
- Gradual low-shear acceleration on start up
- Smooth and even stirring as low as 5 rpm
- Single position stirrers can stir up to 5 L
- Four-position stirrers can stir up to 2 L per position



Cimarec Biosystem Direct

Model	Part Number	Voltage/Plug Type	Speed (rpm)	Protection Class	Power Settings (W)	Dimensions WxDxH (mm)	Weight (kg)
Cimarec Biosystem Direct	50088071	230 V Euro	5-120	IP64	1	180 x 180 x 60	3.4
Cimarec Biosystem Direct	50088057	230 V UK	5-120	IP64	1	180 x 180 x 60	3.4
Cimarec Biosystem Direct	50088064	230 V Australia	5-120	IP64	1	80 x 180 x 60	3.4
Cimarec Biosystem Direct	50088058	115 V US	5-120	IP64	1	180 x 180 x 60	3.4
Cimarec Biosystem Direct	50101524	100 V Japan	5-120	IP64	1	180 x 180 x 60	3.4
Cimarec Biosystem 4 Direct	50088061	100-240 V	5-120	IP64	0.05 (x4)	330 x 330 x 60	11

Operating conditions are -10 to +40°C at 95% rH
100-240 V units contain a cord set with various plugs