

OPTIMA™ L-100 K ULTRACENTRIFUGE**Ordering Information**

Part No.
393254
393253

Description

60/50 Hz, 200-240 V
50 Hz, 220-240 V

Specifications

Maximum speed	100,000 rpm
Maximum <i>g</i> -force	802,000 x <i>g</i> (Type 100 Ti)
Speed control	+/- 20 rpm of set speed
Sample imbalance tolerance	+/- 5 mL or 10%, whichever is greater
Drive cooling	Air-cooled
Refrigeration system	Thermoelectric-no CFCs, ODCs
Set temperature	0 to 40 degrees centigrade in 1 degree increments
Temperature control	+/- 0.5 degrees of set
Ambient operating range	15 to 40 degrees centigrade
User-settable programs	9 user programs with delayed start capability
Acceleration/deceleration rates	2 accel/3 decel
Moisture-purging vacuum system	Yes
Heat output	1.0 kW (3400 BTU/Hr)
Sound level	<57 dBa
Rotor Safety	DRIC (Dynamic Rotor Inertia Check) included
Biosafety Option	Available
Dimensions H x W x D inches (cm)	47.5 x 37 x 26.5 (120.7 x 94.0 x 67.3)
Weight	1025 lb (465 kg)
Power Failure Recovery	Instrument automatically restarts when power is restored

*Unmatched versatility, reliability and safety.*

Capable of generating 802,000 x *g* at speeds up to 100,000 rpm, Beckman Coulter's Optima L-100 K Ultracentrifuge enables you to perform — in less time — more separations, such as high-purity plasmid DNA, subcellular particles and virus isolations. This versatile floor model operates with a broad range of superb rotors, including zonal and continuous flow for large-volume separations. The L-100 K offers the reliability of a vacuum-encased induction drive, the simplicity of user-friendly, microprocessor-based control, and environmentally-friendly cooling system that eliminates the need for CFCs and other harmful liquid refrigerants. All this makes the L-100 K the right choice for your laboratory's routine separation needs.



Developing innovative solutions in Systems Biology.

Innovate Automate
SIMPLIFY

Beckman Coulter, Inc. • 4300 N. Harbor Boulevard, Box 3100 • Fullerton, California 92834-3100
Sales & Service: 1-800-742-2345 • Telex: 678413 • Fax: 1-800-643-4366 • www.beckmancoulter.com

Worldwide Biomedical Research Division Offices:

Australia (61) 2 9844-6000 **Canada** (905) 819-1234 **China** (86) 10 6515 6028 **Eastern Europe, Middle East, North Africa** (41) 22 994 07 07
France 01 49 90 90 00 **Germany** 49 21 513335 **Hong Kong** (852) 2814 7431/2814 0481 **Italy** 02-953921 **Japan** 03-5404-8359
Mexico (55) 560-57770 **Netherlands** 0297-230630 **Singapore** (65) 6339 3633 **South Africa, Sub-Saharan Africa** (27) 11-805-2014/5 **Spain** 91 3836080
Sweden 08-564 85 900 **Switzerland** 0800 850 810 **Taiwan** (886) 2 2378 3456 **Turkey** 90 216 309 1900 **U.K.** 01494 441181 **U.S.A.** 1-800-742-2345