

OPTIMA™ L-80 XP ULTRACENTRIFUGE**Ordering Information**

Part No.	Description
392051	60/50 Hz, 220-240 VAC
392049	50 Hz, 220-240 VAC

Specifications

Maximum speed	80,000 rpm
Maximum <i>g</i> -force	602,000 x <i>g</i> (Type 90 Ti Rotor)
Advanced software	Optima eXpert™ calculations, simulations, references
Speed control	+/- 10 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	10 to 40 degrees centigrade
User-settable programs	Virtually no limit to number of user programs
Acceleration/deceleration rates	10 accel/11 decel
Moisture-purging vacuum system	Yes
Heat output	1.0 kW/Hr (3400 BTU/Hr)
Sound level	53 dBa
Rotor Safety	DRIC (Dynamic Rotor Inertia Check) included
Remote control	Available
HEPA filter	Available
Dimensions H x W x D inches (cm)	49.5 x 37 x 26.5 (125.7 x 94.0 x 67.3)
Weight	1025 lb (465 kg)



*Efficiency, versatility, and environmental safety are the hallmarks of the Optima L-80 XP Ultracentrifuge from Beckman Coulter. With Beckman Coulter's innovative Optima centrifugation technology, the L-80 XP is capable of generating 602,000 x *g* at speeds of up to 80,000 rpm. The L-80 XP, along with a broad range of rotors, tubes, and supplies shortens run times for a wide range of applications. The L-80 XP offers the reliability of a vacuum-encased induction drive, Optima eXpert™ software, and environmentally-friendly cooling systems that eliminate the need for CFCs. And the L-80 XP's special design eliminates the need for chlorofluorocarbons or other ozone-depleting coolants for drive and chamber cooling.*



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