

Simple to use.  
Easy to love.

## Microfuge® 16 Centrifuge



Microfuge 16 is offered  
bundled with 24-place rotor

**Convenient** – cold room compatible for flexibility with your protocols

**Simple** – presents a large bright display with simple intuitive push button key entry and automatic lid release at sample run completion

**Adaptable** – processes a wide array of microcentrifuge tubes from 0.2 to 2.2 mL with a choice of standard or soft start/stop programs

*The Microfuge 16 offers fast, powerful micro-centrifugation in an easy-to-use, compact design.*

**Powerful** – spins quietly at 16,163 x g for fast pelleting or isolation of DNA, RNA, proteins and viruses

**Compact** – fits easily in the tightest of workspace environments with a height under 7 inches (176 mm) and a footprint measuring 8.9 by 10.5 inches (226 x 266 mm)

**Productive** – maximizes sample throughput with an innovative autoclavable 24-place rotor rated at 14,800 RPM

**Reliable** – features a brushless induction drive, safety auto-lock closure system and unique air-cooled rotor bowl for years of safe, high-performing operation

**Efficient** – reduces process time with fast acceleration and deceleration rates

**Versatile** – offers added flexibility to your protocols with choice of pulse, timed or continuous runs

Genomics  
Proteomics  
Cell Analysis  
**Centrifugation**  
Lab Tools  
Bioseparation  
Lab Automation  
Particle Characterization

## Ordering Information

### Instrument

Description	Part No.	Electrical
Microfuge® 16 with FX241.5P rotor	A46472	100-120 V, 50/60 Hz
Microfuge® 16 with FX241.5P rotor	A46471	220-240 V, 50/60 Hz
Microfuge® 16	A46474	100-120 V, 50/60 Hz
Microfuge® 16	A46473	220-240 V, 50/60 Hz

### Rotors

Rotor Type	Part No.	Max Speed (rpm)	Max Force at R Max (g)	Max Accel/Decel (seconds)	Volume (mL)
FX241.5P Microfuge Fixed-Angle Polypropylene Rotor, with snap-on lid	A46475	14,800	16,163	15/13	24 x 1.5/2.2
FX121.5P Microfuge Fixed-Angle Polypropylene Rotor, with snap-on lid	A46476	14,800	15,183	13/11	12 x 1.5/2.2
Polysulfone Snap-on Lid (for FX241.5P and FX121.5P)	A46477				

### Adapters

Description	Part No.
0.25/0.4 mL PCR-Microcentrifuge Tube Adapter (Package of 24)	361247
0.5/0.6/0.75 mL PCR-Microcentrifuge Tube Adapter (Package of 12)	364690
0.2 mL PCR-Microcentrifuge Tube Adapter (Package of 12)	392294

## Specifications

Maximum <i>g</i> -Force	16,163 x <i>g</i> (increments of 100 x <i>g</i> )
Maximum Speed	14,800 RPM (increments of 100 RPM)
Maximum Capacity	24 x 2.2 mL
Runtime	99 minutes, 59 sec. (increments of 10 sec.) Continuous Run and Pulse Mode
Drive	Brushless induction drive
Dimensions H x W x D inches (mm)	6.9 x 8.9 x 10.5 (176 x 226 x 266)
Weight (without rotor) lbs. (Kg)	14 (6.4)
Noise Level at Maximum Speed	<60 dB
Power Consumption	95 W
Operating Conditions:	+4°C to +40°C, <80% humidity (non-condensing)
Lid Closure	Automatic closure and motorized lock
Soft-start/Soft-stop	Selectable

The Microfuge 16 is an important part of a broad continuum of Beckman Coulter centrifugation products, including ultracentrifuge, high-performance and general purpose centrifuges, rotors, tubes, and accessories. For over sixty years, we have continuously led the way by providing our full line of centrifugation systems worldwide. For information on our comprehensive line of systems, please contact your local Beckman Coulter representative or visit our web site at [www.beckmancoulter.com/SpinningExperts](http://www.beckmancoulter.com/SpinningExperts)



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