



Z200A

General Purpose Digital Centrifuge

- Ideal for clinical or research settings
- Large Capacity - 6 x 50 ml and 12 x 15 ml rotors
- Microprocessor control, digital display
- Accepts conical and round bottom tubes as well as all common blood draw tubes

The microprocessor controlled Z200A is a compact centrifuge ideal for use in both research and clinical laboratories.

The centrifuge's control panel is a combination of digital displays and easy turn knobs. The microprocessor maintains precise control over operation of the centrifuge and brings the rotor to a soft stop at the end of a run with dynamic braking. If a load is not properly balanced, the imbalance sensor will stop operation of the unit.

Two angle rotors are available for use with the Z200A. The 15 ml rotor has a capacity for twelve tubes while the 50 ml rotor will hold six. Both rotors accept round and conical bottom tubes. A swing out rotor is also available for 6 x 5 ml tubes. Optional adapters accommodate various tube sizes including standard conical tubes and round bottom blood tubes.

* Please refer to page 14 for complete centrifuge specifications.

Catalog Number	Product Description	Quantity
ESC200A120	Z200A Universal Centrifuge without Rotor, 120V	1 Centrifuge
ESC200A230	Z200A Universal Centrifuge without Rotor, 230V	1 Centrifuge
ESC20096	Angle Rotor, 12 x 15 ml, max 6000 rpm/4,185 x g	1 Rotor
ESC2329B	Adapter for 5 ml (12 x 75 mm), 7 ml (13 x 75 mm), and 10 ml (16 x 100 mm)	Pack of 6
ESC20097	Angle Rotor, 6 x 50 ml, max 6000 rpm/3,823 x g	1 Rotor
ESC2328B	Adapter for 15 ml Conical and Round Bottom in 50 ml Rotor	Pack of 6
ESC23041	Booster Cushion for Shorter Tubes	Pack of 12
ESC20018	Swing Out Rotor, 6 x 5 ml, max 3,500 rpm/1,420 x g	1 Rotor

Z233MK-2

High Performance Refrigerated Microcentrifuge

- Our smallest refrigerated microcentrifuge
- High speed - up to 21,380 x g
- Seven rotor options

The Z233MK-2 microcentrifuge has been designed to provide total control over operating parameters. A microprocessor, brushless induction drive, high speed capabilities and powerful refrigeration make this centrifuge the ultimate in high performance.

Operating parameters, including speed/g-force, run time and temperature are set using easy to turn knobs while their values are shown on large digital displays. Both rpm and g-force can be displayed during a run. Acceleration and deceleration rates can be set at fast or slow. Momentary spins are achieved by pressing the quick button. The powerful refrigeration system in the unit cools the chamber and rotor quickly and maintains the set temperature throughout the run, even at maximum speed.

A rugged housing, heavy duty lid lock and hinge as well as a stainless steel bowl make the Z233MK-2 microcentrifuge a durable workhorse. Seven rotor options are available.

* Please refer to page 14 for complete centrifuge specifications.



Catalog Number	Product Description	Quantity
ESC233MK2	Z233MK-2 High Performance, 120V	1 Centrifuge
ES233MK223	Z233MK-2 High Performance, 230V	1 Centrifuge
ESC20095	Angle Rotor, 18 x 1.5 ml, max 14,000 rpm/15,994 x g	1 Rotor
ESC2302A	Angle Rotor, 24 x 1.5 ml, max 15,000 rpm/21,380 x g	1 Rotor
ESC2302AH	Angle Rotor, 24 x 1.5 ml, Hermetically Sealed, max 15,000 rpm/21,380 x g	1 Rotor
ESC2309A	Angle Rotor, 44 x 1.5 ml, max 14,000 rpm/18,400 x g	1 Rotor
ESC23055A	Angle Rotor, 48 place: 24 x 1.5 ml and 24 x 0.5 ml max 14,000 rpm/18,400 x g	1 Rotor
ESC230TSA	EZ-8™ Tube Rotor with 0.2 ml PCR Strip Tube Adapters, max 13,000 rpm/13,225 x g	1 Rotor
ESC1205	Adapter for 0.5/0.6 ml Tubes	Pack of 6
ESC1206	Adapter for 0.4/0.25 ml Tubes	Pack of 6
ESC1222	Adapter for 0.2 ml Thermal Cycling Tubes	Pack of 6
ESC230HLARA	Swing out Rotor, 12 x 1.5 ml Microcytometry Tubes	1 Rotor