

# Z383

## High Capacity and High Performance

- Swing out capacity for 4 x 500 ml, 28 x 50 ml and 48 x 15 ml
- High speed for 30 ml, 50 ml and 85 ml tubes, to 25,900 x g
- Multiple swing out and angle rotor options for tubes, plates and aerosol containment
- Microprocessor control with g-force conversion, rotor identification, and program memory

## Z383K

### High Capacity, High Performance Refrigerated Universal Centrifuge

- Powerful refrigeration system with pre-cool function
- High speed capabilities for rotors up to 85 ml
- Multiple rotor options for tubes, plates and aerosol containment
- Microprocessor control with g-force conversion, rotor ID and program memory



Multiple swing-out and angle rotor options make the Z383 series centrifuges useful for a wide range of applications from molecular and cellular biology to microplate technology and blood separations.

The microprocessor based controls are designed for quick and easy programming. Parameters are set with knobs while their values are shown on large digital displays. To prevent accidental change, the knobs are inactivated during a run unless the preset key is depressed.

Both the Z383 and Z383K feature maintenance-free, induction drives for exceptionally quiet and smooth operation. Safety features include an electronic lid lock, imbalance sensors and a rotor recognition program that automatically limits each rotor to its maximum rated speed. G-force conversion software allows for setting and display of speed in rpm or RCF. Acceleration and deceleration rates can be set at fast or slow.

A continuous flow of ambient air through the rotor chamber of the Z383 prevents sample temperature from rising significantly above ambient temperature, even during extended runs. The powerful refrigeration system in the Z383K can maintain all of the available rotors at or below 4°C, even at maximum speed.

\* Please refer to page 14 for complete centrifuge specifications.

Catalog Number	Product Description	Quantity
ESC383120V	Z383 Universal Centrifuge, 120V	1 Centrifuge
ESC383230V	Z383 Universal Centrifuge, 230V	1 Centrifuge
ESC383K120	Z383K High Capacity Refrigerated Universal Centrifuge, 120V	1 Centrifuge
ESC383K230	Z383K High Capacity Refrigerated Universal Centrifuge, 230V	1 Centrifuge
ESC38375	Swing-out Rotor 4 place, with Insert Holders, 4 x 500 ml	1 Rotor
ESC38375I	Carrier 25 x 1.5 ml, for ESC38375	Pack of 2
ESC38375G	Carrier 19 x 5 ml/7 ml (12 x 75 mm/13 x 100 mm), for ESC38375	Pack of 2
ESC38375F	Carrier 19 x 10 ml (16 x 100 mm) for ESC38375	Pack of 2
ESC38375A	Carrier 12 x 15 ml Conical for ESC38375	Pack of 2
ESC38375B	Carrier 5 x 50 ml Conical for ESC38375	Pack of 2
ESC38375C	Carrier 7 x 50 ml Conical (cannot use lid), for ESC38375	Pack of 2
ESC38375E	Carrier 1 x 250 ml for ESC38375	Pack of 2
ESC38375D	Carrier 1 x 500 ml for ESC38375	Pack of 2
ESC38375H	Carrier for Microplates for ESC38375	Pack of 2
ESC38375DB	Bottle, Polyethylene 1 x 500 ml for ESC38375	1 Bottle
ESC38375L	Sealing Lid for ESC38375 Carriers	1 Lid
ESC40015	Swing-out Rotor 20 x 15 ml	1 Rotor
ESC40050	Swing-out Rotor 12 x 50 ml	1 Rotor
ESC25255	Angle Rotor, 48 place, 24 x 0.5 ml, 24 x 1.5 ml	1 Rotor
ESC25287	Angle Rotor, 24 x 1.5 ml, 13,500 rpm	1 Rotor
ESC25287H	Angle Rotor, 24 x 1.5 ml, Hermetically Sealed	1 Rotor
ESC2529	Angle Rotor, 44 x 1.5 ml/2.0 ml	1 Rotor
ESC32381	Angle Rotor 24 x 15 ml with Shields	1 Rotor