

Z300



Universal Centrifuge

- Swing out and angle rotors for tubes and microplates
- Maximum capacity 4 x 100 ml
- High speed microtube rotors reach 17,310 x g
- Automatic rotor identification and g-force conversion

Z300K

Refrigerated Universal Centrifuge

- Powerful refrigeration system
- Space saving design with refrigeration system in the back
- Maximum capacity 4 x 100 ml
- Swing out and angle rotors for tubes and microplates

The Z300 and Z300K are the most economical of the universal microprocessor controlled units in the Hermler line. These centrifuges accommodate microplates and tubes up to 100 ml in swing-out and fixed angle rotors. A broad speed range and high g-force make them ideal for applications from clinical to molecular biology.

A digital microprocessor controls all operating parameters including speed and time. Overspeed conditions are eliminated by the rotor recognition program which automatically identifies each rotor and limits it to the maximum rated speed. Improperly loaded rotors trigger the safety imbalance detection system which stops operation of the centrifuge.

The powerful, induction drive in the Z300 centrifuges quickly accelerates rotors to the preset speed. Two acceleration and deceleration rates can be chosen to protect fragile samples. Operation of the centrifuge may be timed, continuous or momentary.

Ambient air circulates throughout the chamber of the Z300 preventing significant rises in sample temperature. The refrigeration system in the Z300K maintains all rotors at the set temperature regardless of rotor speed.

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

| Catalog Number | Product Description | Quantity |
|----------------|--|--------------|
| ESC300120V | Z300 Universal Centrifuge, 120V | 1 Centrifuge |
| ESC300230V | Z300 Universal Centrifuge, 230V | 1 Centrifuge |
| ESC300K120 | Z300K Refrigerated Universal Centrifuge, 120V | 1 Centrifuge |
| ESC300K230 | Z300K Refrigerated Universal Centrifuge, 230V | 1 Centrifuge |
| ESC30012 | Swing Out Rotor, 4 x 100 ml | 1 Rotor |
| ESC300120 | Carrier 1 x 100 ml for ESC30012 | 1 Carrier |
| ESC300122 | Carrier 1 x 50 ml Conical for ESC30012 | 1 Carrier |
| ESC300123 | Carrier 2 x 15 ml Conical for ESC30012 | 1 Carrier |
| ESC300124 | Carrier 7 x 10 ml Round for ESC30012 | 1 Carrier |
| ESC300126 | Carrier 7 x 5 ml/7 ml (12 x 75 mm/ 13 x 100 mm) for ESC30012 | 1 Carrier |
| ESC30016 | Swing Out Rotor with 2 Microplate Carriers, 2762 x g max | 1 Rotor |
| ESC320504 | Insert, 48 x 1.5 ml for Microplate Rotor | 2 Inserts |
| ESC30015 | Swing Out Rotor 8 x 15 ml | 1 Rotor |
| ESC30050 | Swing Out Rotor 4 x 50 ml | 1 Rotor |
| ESC30096 | Angle Rotor 12 x 15 ml Conical or Round bottom | 1 Rotor |
| ESC30097 | Angle Rotor 6 x 50 ml | 1 Rotor |
| ESC32381 | Angle Rotor 24 x 15 ml with Shields | 1 Rotor |
| ESC20010 | Adapter, 10 ml (16,17 x 100 mm), for 15 ml Rotor | Pack of 4 |
| ESC32371 | Swing Out Rotor Complete with 4 Buckets (no covers), 4 x 100 ml | 1 Rotor |
| ESC32372 | Swing Out Rotor Complete with 4 Buckets and Sealing Covers, 4 x 100 ml | 1 Rotor |
| ESC320720 | Insert, 1 x 80 ml Tube or 100 ml Tube, for ESC32371 or -72 | 1 Insert |
| ESC320724 | Insert, 4 x 10 ml Tube (16,17 x 100 mm) Tube, for ESC32371 or -72 | 1 Insert |
| ESC320725 | Insert, 7 x 5 ml (10,12 x 75 mm) Tube, for ESC32371 or -72 | 1 Insert |
| ESC320726 | Insert, 2 x 15 ml Tube (Conical without Lid) for ESC32371 or -72 | 1 Insert |
| ESC320728 | Insert, 1 x 50 ml Conical Tube for ESC32371 or -72 | 1 Insert |
| ESC320730 | Insert, 4 x 7 ml (13 x 100 mm) Tube, for ESC32371 or -72 | 1 Insert |
| ESC38250 | Swing Out Rotor with 2 Microplate Carriers | 1 Rotor |
| ESC25287 | Angle Rotor, 24 x 1.5 ml | 1 Rotor |
| ESC25287H | Angle Rotor, 24 x 1.5 ml, Hermetically Sealed | 1 Rotor |
| ESC2529 | Angle Rotor, 44 x 1.5 ml | 1 Rotor |
| ESC25255 | Angle Rotor, 48 Place, 24 x 0.5 ml, 24 x 1.5 ml | 1 Rotor |