

**HERMLE**  
*Labnet*

# UNIVERSAL CENTRIFUGES



# HERMLE

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## Z 326 & Z 326 K

The Z 326 series of universal centrifuges are the most versatile centrifuges in their performance class. With tube capacities as high as 8 x 50ml and speeds up to 23,545 x g the Z 326 series provides extreme performance right on the bench top.

### Distinct Control Panel:

- Simple one handed operation
- Set and view speed in both rpm or g-force
- Control over all settings with one ergonomic adjustment knob
- Permanent indication of preset and actual values
- Selection of speed, g-force and time in increments of 10
- 10 acceleration and deceleration levels
- Pre-selection of running time from 10 sec to 99 h 59 min or cont.
- Storage of up to 99 runs
- Splash proof digital display

### Features:

- Maintenance free induction motor drive
- Microprocessor control with large LCD display
- Motor driven lid lock system
- Automatic rotor identification system with over speed protection
- 15 available rotor options
- Optional audible signals at the end of a run
- Noise level under 62 DBA
- Imbalance detection system with automatic shut down
- Extremely compact,  
Z326: 16 (W) x 14 (D) x 14 (H) in.  
Z326-K: 16 (W) x 19 (D) x 14 (H) in.

**Speed up to  
18,000 rpm**

**G-force up  
to 23,545 x g**

**Capacity up  
to 8 x 50ml**



### Swing Out Rotors:



4 x 100ml

#### Item No: C0326-72C

4 position swing-out rotor  
Includes:  
- Four buckets for tube-inserts

Max. Speed: 5,000 rpm    Max. RCF: 3,885 x g  
Max. Accel: 15 sec.    Max. Decel: 15 sec.

#### Tube-Inserts for C0326-72C (Must order two pair.)

C0320-720	1 x 85-100ml round insert (2pk.)
C0320-728	1 x 50ml conical insert (2pk.)
C0320-726	2 x 15ml conical insert (2pk.)*
C0320-724	4 x 10ml round insert (2pk.)
C0320-730	4 x 5/7ml round insert (2pk.)
C0320-721	5 x 1.5/2.0ml insert (2pk.)

\* Sealing cover is not compatible with this insert.



12 x 15ml  
or 8 x 50ml

#### Item No: C0326-72

4 Position swing-out rotor without tube-carriers

C0326-72A    Tube carrier, 3x15ml (2pk.)  
C0326-72B    Tube carrier, 2x50ml (2pk.)

Max. Speed: 5,000 rpm    Max RCF: 3,885 x g  
Max. Accel: 15 sec.    Max. Decel: 15 sec.



4 x 50ml

### Item No: C0326-12

4 position swing-out rotor, includes 4 tube-insert holders.

Max. Speed: 4,500 rpm Max. RCF: 3,350 x g  
Max Accel: 15 sec. Max. Decel: 15 sec.

### Tube Inserts for C0326-12 (Must order two pair.)

C0300-122 1 x 50ml conical insert (2pk.)  
C0300-123 2 x 15ml conical insert (2pk.)\*  
C0300-124 7 x 10ml round insert (2pk.)  
C0300-730 7 x 5/7ml round insert (2pk.)  
C0300-127 10 x 1.5/2.0ml insert (2pk.)



2 x 3 microplates

### Item No: C0036-16

Two position rotor for microplates, includes two plate carriers.

Max. Speed: 4,500 rpm Max. RCF: 2,762 x g  
Max. Accel: 20 sec. Max. Decel: 15 sec.

## Angle Rotors:

Item:  
C0326-97



6 x 50ml

Max. Speed: 6,000 rpm Max. RCF: 3,823 x g  
Radius: 9.5cm Angle: 28°  
Max. Accel: 15 sec. Max. Decel: 10 sec.

Adapters:

C0232-8B 15ml round/conical (6pk.)  
C0232-9B 5/7ml round (6pk.)

Item:  
C0326-96



12 x 15ml

Max. Speed: 6,000 rpm Max. RCF: 4,185 x g  
Radius: 10.4cm Angle: 28°  
Max. Accel: 15 sec. Max. Decel: 10 sec.

Adapters:

C0200-17A 5ml, 7ml and 10ml round round (6pk.)

Item:  
C0036-19



30 x 15ml\*

Max. Speed: 4,500 rpm Max. RCF: 2,829 x g  
Radius: 12.5/10.9cm Angle: 35°  
Max. Accel: 15 sec. Max. Decel: 10 sec.

Adapters:

C0200-17A 5ml, 7ml and 10ml round round (6pk.)

\*Max. Capacity is 20x15ml conical with tube caps

Item:  
C0036-18



6 x 85ml

Max. Speed: 9,000 rpm Max. RCF: 10,414 x g  
Radius: 11.5cm Angle: 38°  
Max. Accel: 40 sec. Max. Decel: 40 sec.

Adapters (2pk.):

C0360-94C 15ml round C0360-94X 15ml conical  
C0360-94A 50ml round C0360-94D 50ml conical

Item:  
C0036-22



6 x 50ml

Max. Speed: 12,000 rpm Max. RCF: 13,523 x g  
Radius: 8.4cm Angle: 26°  
Max. Accel: 40 sec. Max. Decel: 30 sec.

Adapters (6pk.):

C0360-91C 30ml round C0232-9B 5/7ml round  
C0232-8B 15ml round/conical

# Micro Rotors and Adapters

Item:  
C0036-23



12 x 1.5ml (Hermetically Sealed)

**Max. Speed:** 18,000 rpm    **Max RCF:** 23,545 x g  
**Radius:** 6.5cm    **Angle:** 40°  
**Max. Accel:** 17 sec.    **Max. Decel:** 20 sec.

Item:  
C0326-24 &  
C0326-24H



24 x 1.5ml &  
24 x 1.5ml (Hermetically Sealed)

**Max. Speed:** 14,000 rpm\*    **Max RCF:** 18,625 x g\*  
**Radius:** 8.5cm    **Angle:** 40°  
**Max. Accel:** 23 sec.    **Max. Decel:** 16 sec.

\* Up to 145000 rpm / 21,381 x g in C0326-K

Item:  
C0036-17



30 x 1.5ml (Hermetically Sealed)

**Max. Speed:** 13,000 rpm\*    **Max RCF:** 17,760 x g\*  
**Radius:** 9.4cm    **Angle:** 45°  
**Max. Accel:** 25 sec.    **Max. Decel:** 25 sec.

\* Up to 14,000 rpm / 20,598 x g in C0326-K

Item:  
C0326-48



30 x 1.5ml (Hermetically Sealed)

**Max. Speed:** 13,500 rpm    **Max RCF:** 17,760 x g  
**Radius:** 8.4 / 6.8 cm    **Angle:** 40°  
**Max. Accel:** 17 sec.    **Max. Decel:** 12 sec.

Item:  
C0326-44



44 x 1.5ml

**Max. Speed:** 13,500 rpm    **Max RCF:** 17,115 x g  
**Radius:** 8.4 / 7.1 cm    **Angle:** 40°  
**Max. Accel:** 17 sec.    **Max. Decel:** 12 sec.

Item:  
C0326-64



64 x 0.5ml

**Max. Speed:** 13,500 rpm    **Max RCF:** 16,708 x g  
**Radius:** 8.2 / 6.9 cm    **Angle:** 40°  
**Max. Accel:** 17 sec.    **Max. Decel:** 12 sec.

Item:  
C0326-38



4 x 8 PCR strips  
(Hermetically Sealed)

**Max. Speed:** 15,000 rpm    **Max RCF:** 15,344 x g  
**Radius:** 6.1 cm    **Angle:** 45°  
**Max. Accel:** 16 sec.    **Max. Decel:** 12 sec.

Item:  
Microtube  
Adapters



**Tube adapters for 1.5ml rotors**  
(not compatible with C0326-92 or C0326-38)

C1205 0.5ml adapters  
C1206 0.4ml adapters  
C1222 0.2ml adapters

## Specifications:

**Max. Speed:** 18,000 rpm  
**Max. RCF:** 23,545 xg  
**Max. Capacity:** 4 x 100 ml  
**Timer:** 10 sec to 99 hr.  
**Dims. (Z326):** 16(W) x 14(D) x 14(H) in.  
(Z326-K) 16(W) x 19(D) x 14(H) in.  
**Weight:** 96 lb. / 132 lb.  
**Prog. Storage:** Up to 99 prog.  
**Temp. Range:** -20 to 40°C (Z326-K Only)  
**Electrical:** 120V or 230V, 50-60 Hz  
**Power:** 455 W / 660 W  
**Warranty:** Two years

## Ordering Information:

**C0326** Z326 Universal Centrifuge, 120V\*  
**C0326-K** Z326 K Refrigerated Universal Centrifuge, 120V\*

\* To order in 230V, please add (-230) to the end of the item number.

## Also Available: Z36 HK

Super Speed Centrifuge

Up to 65,390 xg



**Labnet**  
Labnet International, Inc.

PO Box 841, Woodbridge, NJ 07095 USA  
TEL: 732-417-0700 FAX: 732-417-1750 WEB: www.labnetlink.com EMAIL: labnet@labnetlink.com