

Z233 M-2 ■ Z233 MK-2

High Performance Microcentrifuges

Z233 Series
High Performance
Microcentrifuges



HERMLE
Labnet

Z 233M-2 ■ Z233MK-2

Z233M-2 and Refrigerated Z233MK-2

The Z233 Series microcentrifuges have been designed to provide total control over operating parameters. A microprocessor, brushless induction drive, high speed capabilities and powerful refrigeration (Z233 MK2 only) make the Z233 series the ultimate in high performance.

Operating parameters, including speed/g-force, run time and temperature (MK-2 only) 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 Z 233 MK-2 cools the chamber and rotor quickly and maintains the set temperature throughout the run.

A rugged housing, heavy duty lid lock hinge, and stainless steel bowl make the Z233 series microcentrifuges durable workhorses. Seven rotor options are available, including the high capacity 44 x 1.5 / 2.0ml rotor.








- High speed - up to 15,000 rpm/21,380 x g
- Multiple rotor options including high capacity 44 x 1.5ml
- Whisper quiet brushless induction drive
- Automatic g-force conversion program

SPECIFICATIONS

Speed Range:	250 rpm tp 15,000 rpm
Maximum RCF:	21,380 x g
Maximum Capacity:	44 x 1.5ml
Timer:	1 to 99 min. or continuous
Temperature:	-10°C to +40°C
Dimenions:	
Z233 M-2	28 x 37 x 26cm / 11 x 14.6 x 10.25in
Z233 MK-2	32 x 54 x 28.5cm / 12.6 x 21.25 x 11.14in

Accessories

Rotors

					
Rotors for Z233 series	Order no. C0200-95	Order no. C0230-2A*	Order no. C0230-9A	Order no. C0230-43A	Order no. C0230-55A
Max Capacity	18 x 1.5/2ml	24 x 1.5/2ml	44 x 1.5/2ml	64 x 0.5ml	24x1.5/2 & 24x0.5ml
Max. speed in rpm	14,000rpm	15,000rpm	14,000rpm	14,000rpm	14,000rpm
Max. radius	7.3 cm	8.5 cm	8.4 cm	8.2 cm	8.4 cm
Max. RCF (g-value)	15,994 x g	21,380 x g	18,400 x g	17,960 x g	18,400 x g
Acceleration time fast/slow in sec.	9/20	15/26	17/25	17/25	17/25
Deceleration time fast/slow in sec.	11/18	15/28	19/34	19/34	19/34
Minimum temp. at max Angle	-6°C 45°	-2°C 40°	3°C 40°	3°C 40°	3°C 40°

* Hermetically Sealable Version Also Available (C0230-30AH)

Adapters

C1205 Individual adapters in 1.5/2.0ml for 0.5/0.6ml tubes, pack of 6

C1206 Individual adapters in 1.5/2.0ml for 0.4/0.25ml tubes, pack of 6

C1222 Individual adapters in 1.5/2.0ml for 0.2 thermal cycling tubes, pack of 6