

Microlitre Centrifuge

■ Z 167 M



HERMLE
LABORTECHNIK

18 x 1,5/2,0 ml

Z 167 M



IVD*

* This centrifuge model and its accessories are an IVD device according to IVDR (EU) 2017/746. It is intended for the separation of mixtures of substances of different densities, in particular for the preparation and processing of samples from the human body in the context of an in vitro diagnostic application, in order to enable the intended use of the in vitro diagnostic medical device. It must not be used to determine any measured values and after centrifugation, no components of human origin may be implanted or administered back into the body.

Features

- Microprocessor with large LCD display
- Electromagnetic lid lock
- Quick access to samples
- Active imbalance identification and cut-off
- Air Cooling System
- Quick Acceleration and Deceleration within 14 respectively 16 seconds
- Noise level < 57 dBA, at max. speed
- Easy removal of rotor, without tools
- Manufactured in accordance to International Safety Regulations, i.e. IEC 61010

Included Rotor

Order No.:
220.95 V08



Angle Rotor 18 x 1,5/2,0 ml
Angle: 45°

Acceleration (s)	14/122
Deceleration (s)	16/140
Max. Speed	14,000 rpm
Max. RCF	15,994 xg
Max. Radius	7.3 cm
Max. Ø	11 mm

Adapter Options

Order No.:	Tube Rack	Ø (mm)	Lenght (min./max.)
704.005	1 x 0.5 ml	8.0 mm	45 mm
704.004	1 x 0.4/0.2 ml PCR	6.0 mm	45 mm

The Microlitre Centrifuge Z 167 M is ideally suited for the routine centrifugation of reaction tubes. Equipped with a powerful drive, it accelerates the 18 x 1.5/2.0 ml rotor in a very short time to approx. 16,000 xg! The innovative Touch Operation Function and incorporated LED light enables a smooth and swift operation process. Depending on the current operating state of the centrifuge, the LED light changes colors, so that it is easy to see from afar whether the centrifuge is running, standing or in sleep mode.

Technical Data

max. Speed:	14,000 rpm
max. RCF:	15,994 xg
max. Volume:	18 x 1.5/2.0 ml
Speed range:	200 - 14,000 rpm
Running time:	59 min 50 s / 10 s increments 99 h 59 min / 1 min increments
Dimensions:	28 cm x 24 cm x 35 cm (WxHxD)
Weight:	12 kg
Power input:	130 W

Order Number: 332.00 P01 - Z 167 M
230 V / 50-60 Hz
incl. 18 x 1.5/2.0 ml Rotor

332.00 P02 - Z 167 M
120 V / 50-60 Hz
incl. 18 x 1.5/2.0 ml Rotor



Distinct Control Panel

- Control panel with Touch-Operation
- Simple one-handed operation
- Easy to program with gloves on
- Splash-proof foil keyboard
- Permanent indication of pre-set and actual values
- Selection of speed in both rpm and g-force, in increments of 10
- 10 acceleration and deceleration rates, possibility of unbraked deceleration
- Pre-selection of the running time, from 10 s to 99 h 59 min or continuous
- Storage of up to 99 runs
- Quick-key for short runs
- Color visual representation of the operating state such as standstill, sleep mode or centrifugation