Gerber Centrifuge, 8x30mL, 1500 rpm

Model **MSGB15RZ50SWISS** | Brand **Master Science** | Unit **Pc**



This centrifuge is a versatile instrument primarily used for determining fat content in milk within the dairy industry. It also finds applications in other industries, such as food, medical, and environmental testing. Its robust design and safety features make it suitable for research and industrial applications.

KEY HIGHLIGHTS

- Matched Rotor
- Electrical Lid Interlock
- Emergency Lid Release
- Gas Hinge
- Imbalance & Over-Speed Protection

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

Scan to view online

Key Features

CENTRIFUGE PERFORMANCE

Matched Rotor
Fixed-angle rotor

HEATING FUNCTION

Ensures temperature above 50°C during centrifugation, enhancing the reliability of fat content testing and reducing sample preparation time.

Metal housing and 304# stainless steel chamber resistant to detergents and disinfectants.

AUTOCLAVABLE COMPONENTS.

Ring heater provides uniform heating and temperature control to meet experimental requirements.

Microprocessor control with a frequency conversion A.C. motor drive.

Observational window on the lid for speed calibration and noise measurement.

Self-diagnosis system for fault detection and automatic display of errors (e.g., over-speed, overheating, imbalance).

DOUBLE-LAYER SEALING RINGS ENSURE LONG-TERM SEALING.

Safety Standards
Manufactured according to international safety regulations.

Electrical Lid Interlock
Prevents the lid from opening during operation and halts the rotor if the lid is opened.

Emergency Lid Release
Allows the lid to be unlocked in the event of a power failure.

Gas Hinge
Protects against sudden lid drops.

Imbalance & Over-Speed Protection
Ensures operator safety during centrifugation.

Additional Information
The MSGB15RZ50SWISS Gerber Centrifuge is a user-friendly, highly reliable instrument ideal for laboratories and industries requiring precise fat content analysis and fluid separation. Its heating function, safety features, and advanced rotor design ensure efficient and safe operation across diverse applications.

Technical Specifications

PARAMETER	SPECIFICATION
Max Speed	1500 rpm
Max RCF	380 xg
Capacity	8 x 30 mL Gerber tubes
Speed Range	0-1500 rpm (adjustable)
Speed Accuracy	±10 rpm
Max Capacity	8 x 30 mL Gerber tubes
RCF Range	380 xg
Temperature Range	Room Temp.+35℃ to 80℃
Time Range	0-99 minutes 59 seconds
Noise Level	≤ 60 dB(A)
Acceleration/Deceleration Rates	0-9 levels
Dimensions	600 x 470 x 370 mm
Motor	Frequency Converter Motor
Net Weight	50 kg (without rotor)
Power Supply	AC220V, 50Hz, 5A, 750W
Angle Rotor	8 x 30 mL Gerber tubes
Max Speed	1500 rpm
Max RCF	380 xg
Material	PP/PC tube
Display	LCD screen displaying rotor number, speed, time, temperature, centrifugal force, and other details.

Applications

Fat content determination in milk.

Various fluid separations.

Separation of blood, urine, and other biological fluids.

Separation and purification of proteins, enzymes, and biomolecules.

Separation of fluids into their component parts.