FluxPro UM-150 — Gerber Fat-Test Centrifuge, 8 × 30 ml



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Overview

The Gerber centrifuge is UM-150 primarily used in the dairy industry for determining the fat content of milk. It is also used for other applications besides milk testing. It is commonly used for separating various types of fluids, such as blood, urine, and industrial fluids, into their component parts. The device is also used in the pharmaceutical industry to separate and purify proteins, enzymes, and other biomolecules. The Geber milk fat centrifuge is designed for the determination of dairy fat. The instrument can test milk fat using four methods: Geber method, Ross method, Pasteur method and solubility method. With a heating function to ensure that the temperature of the milk fat tube is maintained above 50°C during centrifugation, which not only reduces the sample water bath time, but also makes the test results more reliable.

Key Features

- Metal housing, metal lid, and 304# stainless steel centrifuge chamber are autoclave-able and resistant detergents and disinfection liquids.
- Observations window on lid for speed calibration and noise measurement.
- Microprocessor control with frequency conversion A.C. motor drive.
- Large color screen can display rotor number, speed time, temperature, centrifugal force, acceleration and deceleration rate as well as fault information.
- Double layers sealing ring made for the centrifuge lid and the instrument to keep long good sealing.
- Adopt ring heater, heating quickly, uniform temperature, with temperature control and constant temperature function, to meet the experimental requirements of the temperature of the centrifuge.
- Centrifuge tube sampling special technology made of glass centrifuge tube will not break during operation.
- With fault self-diagnosis system, can automatically detect over-speed, over-heated, unbalanced alignment fault, and display fault information in the display window to improve the safety performance of the instrument.

Technical Specifications

Speed Range	0-1500 rpm adjustable
Max Speed	1500 rpm
Speed Accuracy	±10 rpm
Max Capacity	8 × 30 ml gerber tube
RCF Range	503 ×g
Max RCF	503 ×g
Timer	0-99minutes 59 s
Display	LCD
Noise	≤ 60 dB(A)
Acceleration / Deceleration Rates	0-- 9
Motor / Drive	Frequency Converter motor
Dimensions (L × W × H)	620 × 480 × 375 mm
Net Weight	50 kg(rotor excluded)
Power Supply	AC220V,50Hz,10A,2000W
Matched Rotors	Fixed angle rotor
Certification	CE, ISO13485,ISO9001, SFDA
Part Number	UM-150
Lead Time	4–6 weeks ARO

Rotors & Accessories

No.	Item	Capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	8×30ml	1500r/min	503xg	PP/PC tube

Standard Configuration

Rotor and accessories as quoted. Part number: **UM-150**.

Warranty and Service

Warranty terms are stated on the quotation. For service, calibration and spare parts contact support@uv-incure.com.