



CENTRIFUGES CATALOG

OPTIKA[®]
I T A L Y

Practical Solutions for Sample Separation

Elevate Your Daily Lab Routine

QUALITY EXCELLENCE

In-house manufacturing of all the key components, including all metalwork, rotors, and motors, within our own ISO 13485 and 9001 certified facilities allows us to maintain stringent quality control over every aspect of production, ensuring that each centrifuge meet high standards. By overseeing the process of producing centrifuges from start to finish, we embody our dedication to excellence in quality.



SAFETY FIRST

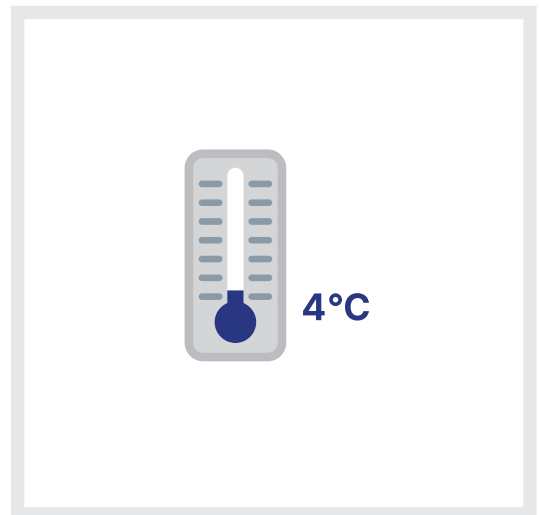
Centrifuges are crucial, daily-use instruments operating at high RPMs, we put user safety before anything. By adhering to international CE regulations, we ensure comprehensive electrical and mechanical safety in every OPTIKA centrifuge. Additionally, our selectable third-party certified aerosol-tight rotors and buckets are designed to prevent the leakage of hazardous samples, offering an extra layer of protection for users.



ENHANCE YOUR RESULT

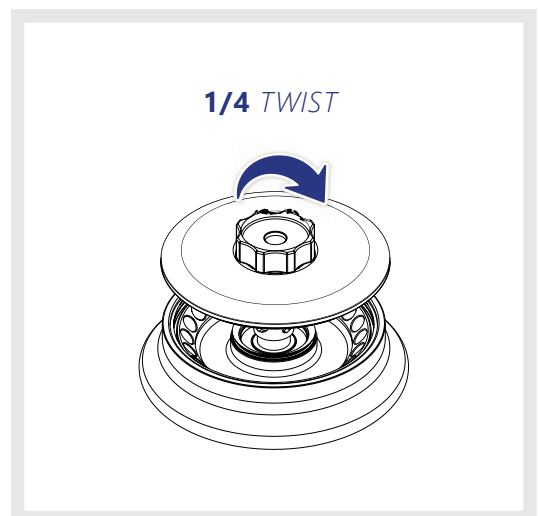
OPTIKA's refrigerated centrifuges are, equipped with advanced cooling systems from leading global brands. Essential for temperature-sensitive samples, these centrifuges preserve the integrity of live cells and prevent protein denaturation, ensuring reliable research outcomes.

Designed for durability and continual operation, they meet the demands of high-throughput labs and improve workflow efficiency



DESIGNED FOR EFFICIENCY

Microcentrifuge models are equipped with an easy lock mechanism that secures the rotor with a simple quarter twist, and the 1696R II model features a Snap-On bucket lid. These user-friendly designs minimize wrist strain, making them productive for highthroughput laboratories engaged in repetitive work.





RPM/RCF Conversion

One touch conversion of RPM and g-force.



Fast Cool

Pre-cooling to 4°C before running for temperature-sensitive samples.



Rotor ID

Limit the setting of RPM above the maximum by automatic rotor identification.



Up to 100 or 10 Program Memory

Enables to store different parameter settings.



Motorized Lid Mechanics

Prevents unintentional opening of the lid and makes the lid easy to close.



Short Spin (Pulse)

Separate button for pulse function.



Lid Drop Protection

Provides easy and safe loading and unloading of sample.



At Set Speed Time Mode

Time counting button from set speed or starting.



Automatic Lid Opening

Visualizes the end of the run by lid opening.



ACC/DEC Rate Control

Different speed rate settings of acceleration (9 steps) / deceleration. (10 steps)



Bio-Safe Accessories

Certified aerosol tightness for safe centrifugation of hazardous sample.



Variety of Rotors, Buckets, and Adaptors

Wide range of rotors, buckets, and adaptors for various applications.



Intuitive Control Pad with Numeric Input

Easy setting and editing of run parameters.user environments.



Soft Touch Keypad

Sensible for both hand and glove.

OT-M15S

Micro Centrifuge

The M15S is a compact microcentrifuge designed for routine molecular biology applications



Features

- Supplied with an 24 x 2.0 mL, autoclavable, anodized aluminum rotor and click-seal plastic lid.
- Automatic rpm/rcf conversion
- Automatic lid opening function, at the completion of a run, serves to both indicate the end of the process and to prevent sample warming
- Selectable time mode of "at set SPEED" for counting running time only when reached the set speed
- A separate "PULSE" key for quick spin
- Lid drop protection design allows easiness and safety when loading or unloading samples.

Technical Specifications

M15S	
Max. RPM	15,000 rpm
Max. RCF	21,206 xg
Max. capacity	24 x 1.5/2.0 mL
Settable Min. RPM	400
RCF/RPM conversion	Yes
Time control	Pulse, Timed < 100 min or continuous
Time counting	Selectable, at set speed or from starting
Noise level (dependent on rotor)	< 60 dB
ACC/DEC ramps	9/10
Program memory	10
Rotor identification	N / Dedicated rotor
Imbalance cutout	Yes
Safety lid lock	Yes
Power supply (V/Hz)	220-230V~, 50/60Hz (110V 60Hz optional)
Power Requirement (VA)	500 VA
Dimension (W x D x H, mm)	293 x 380 x 242
Weight without rotor	15 kg
Cat. No.	OT-M15S

Fixed Angle Rotor

A2.0-MP-24

- Capacity : 24 x 1.5 / 2.0 mL
- Max. RPM : 15,000
- Max. RCF : 21,206 xg
- Autoclaveable PP snap-fit lid rotor
- Supplied with centrifuge



Adaptors

Tube type (mL)	Max. RCF (xg)	Adaptor Cat. No.
0.5	18,363	TR0.5(2)
0.2	16,854	TR0.2(2)

