



**incu
MeD**
INNOVATION IN MEDICAL DEVICES



Design Compact and Convenient

Performance Relentless and Noiseless



Laboratory Instruments

We provide compact, cost-effective, high-quality solutions to your laboratory instruments' requirement. Our products are completely homegrown from design to testing and are built using reliable and high-quality components and materials.

Performance Relentless and Noiseless

Incumed Centrifuge provides a compact, cost-effective solution to your centrifugation requirements. Our centrifuges are completely homegrown from design to testing and are built using reliable and high-quality components and materials. **Incumed** Centrifuge encompasses superior performance, usability, and safety to offer the ideal product for your needs



Model/Specifications	Refrigerated Centrifuge Model: IMD2415R/2412R	Centrifuge Model: IMD 2415	Mini Centrifuge Model: IMD 1215
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Max. Speed: 15,000 rpm	✓	✓	✓
Rotor Compatibility	24 x 1.5ml & 2 ml 8 x 5ml 4 x 8 well PCR Strip 24x0.2ml adapters	24 x 1.5ml & 2 ml 8 x 5ml 4 x 8 well PCR Strip 24x0.2ml adapters	12 x 1.5ml & 2ml 2 x 8 well PCR Strip 12 x 0.2ml adapters
Cooling Range	-10°C to 40°C	NA	NA
Cooling Mode	Quick Cool Direct Mode	NA	NA
Noise Level	<59dB	<62dB	<52dB
5 Step Acceleration/Deceleration	✓	✓	✓
Max. Time	✓	✓	✓
Imbalance detection	✓	✓	✓
Intuitive Touchscreen	✓	✓	✓
Efficient BLDC Motor	✓	✓	✓
Short Spin mode	✓	✓	✓

Design Compact and Convenient



Smart Microprocessor

- Balanced and precise centrifuge operations
- Memory option to save multiple programs
- Last run memory option

Easy to use User Interface

- A touch-enabled high-resolution display
- Ensuring ease of use with a touch and a glance.
- The smooth rotary knob provides you with a precise way to adjust your run parameters

Small footprint

- Minimal tabletop area occupied by Compact design
- A low height that facilitates usage under low hanging shelves

Efficient BLDC Motor

- Quiet and efficient centrifuges
- Minimal maintenance.
- Long motor lifetime

Low weight rotor

- Minimal noise generated by lightweight Aluminum rotors
- No fear of spillage of hazardous samples enabled by aerosol proof lids



IMD 2415 Centrifuge

The Centrifuge Standard

This boasts a highly intuitive and ergonomic user interface, easy and sophisticated control, and full-function safety architecture. The centrifuge is recommended for molecular workflows of RNA/DNA extraction, cell collection, phenol extraction, simple spin-down, filter tube separation, etc

Product Features

- ✔ Capacity: **24 x 1.5/2ml, 4 x PCR strips, 8 x 5ml**
- ✔ Speed up to **15,000 rpm**,
- ✔ Compact design with a small (Dimensions: **450mm x 280mm x 245mm**) footprint that can fit within your valuable workspace
- ✔ Quiet operation - **< 65dB**
- ✔ Sharp contrast display so that you can view your run parameters and progress with ease
- ✔ Intuitive user interface through a **touch screen and rotary knob** that allow for easy setting of time/rpm/rcf
- ✔ Automatic rpm/rcf conversion
- ✔ Easy to access Shortspin option
- ✔ Gentle lids that open and close with minimal effort
- ✔ **Aerosol tight rotors** for safe centrifugation of hazardous samples

Ordering Information

Description	Maximum RPM	Catalog No.
IMD 2415 Centrifuge	15000 rpm	IMD 2415
24 x 1.5/2ml Rotor	15000 rpm	F/A-24/2
8 x 5ml Rotor	15000 rpm	F/A-8/5
4 x 8 well PCR Strip Rotor	15000 rpm	F/A – PCR/4



IMD 2415R Refrigerated Centrifuge

Multipurpose Centrifuge

The Refrigerated Centrifuge, with a 24-vial capacity and a speed of up to 15,000 rpm, is perfectly placed to provide for all modern molecular biology applications. The Refrigerated Centrifuge features state-of-the-art cooling technology to ensure optimal energy consumption and precise Temperature accuracy with a small footprint.

This boasts a highly intuitive and ergonomic user interface, easy and sophisticated control, and full-function safety architecture. The centrifuge is recommended for molecular workflows of RNA/DNA extraction, cell collection, phenol extraction, simple spin-down, filter tube separation, etc.

Product Features

- ✓ Capacity: **24 x 1.5/2ml**, **4 x PCR strips**, **8 x 5ml**
- ✓ Speed up to **15,000 rpm**,
- ✓ Temperature ranges from **-10°C to 40°C**
- ✓ Super-fast pre-cooling
- ✓ Compact design with a small (Dimensions: **600mm x 330mm x 245mm**) footprint that can fit within your valuable workspace
- ✓ Quiet operation - < 65dB
- ✓ Sharp contrast display so that you can view your run parameters and progress with ease
- ✓ Intuitive user interface through a **touch screen and rotary knob** that allow for easy setting of time/rpm/rcf
- ✓ Automatic rpm/rcf conversion
- ✓ Easy to access Shortspin option
- ✓ Gentle lids that open and close with minimal effort
- ✓ **Aerosol tight rotors** for safe centrifugation of hazardous samples

Ordering Information

Description	Maximum RPM	Catalog No.
IMD 2415R Centrifuge	15000 rpm	IMD 2415R
24 x 1.5/2ml Rotor	15000 rpm	F/A-24/2
8 x 5ml Rotor	15000 rpm	F/A-8/5
4 x 8 well PCR Strip Rotor	15000 rpm	F/A – PCR/4



IMD 2412R Refrigerated Centrifuge

Multipurpose Centrifuge

The Refrigerated Centrifuge, with a 24-vial capacity and a speed of up to 12,000 rpm, is perfectly placed to provide for all modern molecular biology applications. The Refrigerated Centrifuge features state-of-the-art cooling technology to ensure optimal energy consumption and precise Temperature accuracy with a small footprint.

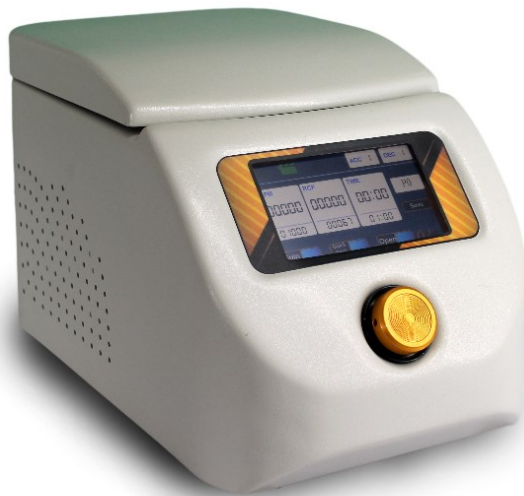
This boasts a highly intuitive and ergonomic user interface, easy and sophisticated control, and full-function safety architecture. The centrifuge is recommended for molecular workflows of RNA/DNA extraction, cell collection, phenol extraction, simple spin-down, filter tube separation, etc.

Product Features

- ✔ Capacity: **24 x 1.5/2ml, 4 x PCR strips, 8 x 5ml vials**
- ✔ Speed up to **12,000 rpm**,
- ✔ Temperature ranges from **-10°C to 40°C**
- ✔ Super-fast pre-cooling
- ✔ Compact design with a small (Dimensions: **600mm x 330mm x 245mm**) footprint that can fit within your valuable workspace
- ✔ Quiet operation - < 65dB
- ✔ Sharp contrast display so that you can view your run parameters and progress with ease
- ✔ Intuitive user interface through a **touch screen and rotary knob** that allow for easy setting of time/rpm/rcf
- ✔ Automatic rpm/rcf conversion
- ✔ Easy to access Shortspin option
- ✔ Gentle lids that open and close with minimal effort
- ✔ **Aerosol tight rotors** for safe centrifugation of hazardous samples

Ordering Information

Description	Maximum RPM	Catalog No.
IMD 2415R Centrifuge	12500 rpm	IMD 2412R
24 x 1.5/2ml Rotor	12500 rpm	F/A-24/2
8 x 5ml Rotor	12500 rpm	F/A-8/5
4 x 8 well PCR Strip Rotor	15500 rpm	F/A – PCR/4



Mini Centrifuge IMD1215

The Personal Centrifuge

Powerful and easy-to-use centrifuges, which are small enough so that each workstation can be equipped with a personal centrifuge.

The Mini Centrifuge, with a 12-vial capacity and a speed of up to 15000 rpm, boasts a highly intuitive and ergonomic user interface, easy and sophisticated control, and full-function safety architecture. The centrifuge is recommended for molecular workflows of RNA/DNA extraction, cell collection, phenol extraction, simple spin-down, filter tube separation, etc.

Product Features

- ✔ Capacity: **12 x 1.5/2ml x PCR Strips**
- ✔ Speed up to **15,000 rpm**,
- ✔ Extremely compact design (Dimensions: **345mm x 216mm x 200mm**) that can fit within your workbench
- ✔ Quiet operation - **< 65dB**
- ✔ Sharp contrast display so that you can view your run parameters and progress with ease
- ✔ Intuitive user interface through a **touch screen and rotary knob** that allow for easy setting of time/rpm/rcf
- ✔ Automatic rpm/rcf conversion
- ✔ Easy to access Shortspin option
- ✔ Gentle lids that open and close with minimal effort
- ✔ **Aerosol tight rotors** for safe centrifugation of hazardous samples

Ordering Information

Description	Maximum RPM	Catalog No.
IMD 1215R Centrifuge	15000 rpm	IMD 1215
12 x 1.5/2ml Rotor (included)	15000 rpm	F/A-12/2
2 x 8 well PCR Strip Rotor	15000 rpm	F/A – PCR/2



MicroSpin IMD 0806F

The Micro

Microcentrifuges have become a requirement in every lab, whether it's working within a BioSafety Cabinet or setting up a PCR reaction. Its primary function is to offer "spin-down" after different reaction setups.

The IMD 0806 Microcentrifuge offers replaceable rotors – 8 x 1.5/2.0ml rotor and 4 x 8 PCR Vial strip on a compact and easy-to-use platform.

Product Features

- ✓ Capacity: 8 x 1.5/2ml; 4 x PCR Strips
- ✓ Fixed RPM 6,000 rpm
- ✓ Extremely compact design dimensions: 190mm x 120mm x 120mm
- ✓ Quiet operation - < 50dB
- ✓ Compact design that can fit any workstation
- ✓ Rotor closing starts the run. Opening starts the run. No hassles
- ✓ Electric braking for quick stopping

Ordering Information

Description	Maximum RPM	Catalog No.
IMD 0806F Centrifuge	6000 rpm	IMD 0805
8 x 1.5/2ml Rotor	6000 rpm	Included with IMD 0806F
4 x 8 well PCR Strip Rotor	6000 rpm	Included with IMD 0806F



Digital MicroSpin IMD 0806V

The Micro

Microcentrifuges have become a requirement in every lab, whether it's working within a BioSafety Cabinet or setting up a PCR reaction. Its primary function is to offer "spin-down" after different reaction setups.

The IMD 0806 Microcentrifuge offers replaceable rotors – 8 x 1.5/2.0ml rotor and 4 x 8 PCR Vial strip on a compact and easy-to-use platform.

Product Features

- ✔ Microprocessor controlled for efficient performance
Compact footprint to save valuable space.
- ✔ **Variable speed** from 1000-6000 RPM.
- ✔ **Dedicated digital display** for displaying speed and time.
- ✔ **Variable timer** setting from 1 min to 99 min and infinite mode.
- ✔ Compact footprint and Highly durable.
- ✔ Tool-free rotor removal.
- ✔ Auto-off when an unbalanced tube is placed.

Ordering Information

Description	Maximum RPM	Catalog No.
IMD 0806V Centrifuge	6000 rpm	IMD 0805
8 x 1.5/2ml Rotor (Included)	6000 rpm	Included with IMD 0806V
4 x 8 well PCR Strip Rotor	6000 rpm	Included with IMD 0806V



Smart Mix F Vortexer

Smart Vortexer

Smart Mix-F is a mini touch fairy Vortex, suitable for shaking and mixing various reagents, solutions, chemicals, and other samples especially suitable for samples from small vessels up to 50ml centrifugal tube. Mainly used in the fields of medicine, bioengineering, chemical laboratory, biochemical laboratory, factory laboratory, hospital laboratory, etc.

Product Features

- ✔ Small and high quality.
- ✔ Suitable for oscillating test tubes and centrifuge tubes.
- ✔ High speed, max speed is **4200 RPM**.
- ✔ IP21 Protection
- ✔ Extremely compact design dimensions: **108mm x 108mm x 78mm**
- ✔ Orbital Diameter **4.5mm**

Ordering Information

Description	Maximum RPM	Catalog No.
Smart Mix-F	4200 rpm	IMD MixF



IMD 4200 Digital Vortexer

Digital Vortexer

I Mix-4200 is widely used in life science, and physical and chemical analysis fields, for vigorous re-suspension of cells or chemical pellets. It is suitable for 0.2ml to 50ml microtubes and test tubes or small containers less than 108mm in diameter.

Product Features

- ✓ Continuous and touch operation.
- ✓ **Adjustable speed** Range from 300 to 4200 Rpm.
- ✓ Brushless dc motor for maintenance-free long time.
- ✓ **Digital Dual display** for Speed and time.
- ✓ Extremely compact design dimensions: 150mm x 130mm x 115mm
- ✓ Orbital diameter of 4mm.
- ✓ Time setting from 1 to 999 minutes for continuous operation.
- ✓ Programmable PULSE mode.
- ✓ IP21 Protection



Ordering Information

Description	Maximum RPM	Catalog No.
i mix-4200	4200 rpm	IMD Miix-4200

Design Compact and Convenient

We are introducing our own line of magnetic stirrers that have been developed and manufactured from scratch. Our portfolio offers you multiple options from single to multi-place, heated or non-heated stirrers for your laboratory needs. We ensure consistent temperature homogeneity, thermal efficiency, and durable heating and stirring performance across our full portfolio of stirrers



Model No.	IMD S – 1520/1	IMD S/H – 1520/1	IMD S – 1520/5	IMD S/H – 1520/5
Image				
Description	Single Place Magnetic Stirrer	Single Place Magnetic Stirrer with Heating	Multi Place Magnetic Stirrer	Multi Place Magnetic Stirrer with Heating
No. of Stirring Places	1	1	1	1
Heating Option	No	Yes	No	Yes
Maximum Temperature	-	150 °C	-	150 °C
Heating Ramp Rate	-	Adjustable	-	Adjustable
Plate Dimensions	190 x 190 mm	190 x 190 mm	470 x 130 mm	470 x 130 mm
Stirring Bar Length	25 – 60 mm	25 – 60 mm	25 – 60 mm	25 – 60 mm



Single Place Magnetic Stirrer with/out Heating IMD S/H – 1520/1

The IMD S-1520/1 is equipped with a cutting-edge Heating Plate technology engineered by Incumed that ensures temperature homogeneity, thermal efficiency, and durable heating performance over time.

The IMD S-1520/stirs aqueous solutions from 100 up to 2000 rpm being a suitable solution for general laboratory applications performed in chemistry and biology in academia and laboratories.

Technical Features

- ✔ Powerful motor for stirring quantities of up to **1.5 l** (H₂O)
- ✔ Number of stirring positions: **1**
- ✔ Maximum Temperature: **150 °C**
- ✔ Adjustable Heating Ramp Rate
- ✔ Speed Range: **100 – 2000 rpm**
- ✔ Plate Dimensions: **190 x 190 mm**
- ✔ Stirring bar length: **25 – 100 mm**
- ✔ Hot Top indicator >> hot surface warning to prevent burns!
- ✔ Exact temperature setting via a digital display
- ✔ Elevated control panel for protection against leaking liquids

Ordering Information

Description

Catalog No.

Single Place Magnetic Stirrer with Heating

IMD S/H – 1520/1

Single Place Magnetic Stirrer

IMD S – 1520/1



Multi Place Magnetic Stirrer with/out Heating IMD S/H – 1520/5

Product Features

The IMD S-1520/1 is equipped with a cutting-edge **Heating Plate technology** engineered by Incumed that ensures **temperature homogeneity, thermal efficiency, and durable heating performance** over time.

The IMD S-1520/stirs aqueous solutions from 100 up to 2000 rpm being a suitable solution for general laboratory applications performed in chemistry and biology in academia and laboratories.

- ✔ Powerful motor for stirring quantities of up to **1 l** (H₂O)
- ✔ Number of stirring positions: **5**
- ✔ Maximum Temperature: **150 °C**
- ✔ Adjustable Heating Ramp Rate
- ✔ Speed Range: **100 – 2000 rpm**
- ✔ Plate Dimensions: **470 x 130 mm**
- ✔ Stirring bar length: **25 – 60 mm**
- ✔ Hot Top indicator >> hot surface warning to prevent burns!
- ✔ Exact temperature setting via a digital display
- ✔ Elevated control panel for protection against leaking liquids

Ordering Information

Description

Catalog No.

**Multi Place Magnetic Stirrer
with Heating**

IMD S/H – 1520/5

Multi Place Magnetic Stirrer

IMD S – 1520/5

Incumed

A Product-oriented organization with a vision to develop instruments. Our research on the existing instruments enables us to come up with innovative products that have the design, performance, and features requisite for your current workflows.

Incumed's way of product development is about understanding the end-to-end needs of our customers (from the lab technician to the research lead). We convert these needs through an iterative process to deliver what you need.

The outcome is a lean portfolio of microcentrifuges and stirrers that serve numerous applications that you require within your processes. The volume of samples may be small or large to meet your throughput.

Our target is to deliver products that not only satisfy your needs but also make them easy and comfortable to use. In addition to their excellent quality and performance, our products provide cost-effective solutions for your laboratories.

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