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# MICE12

Portable Mini Centrifuge · Routine / Backup Laboratory Unit · 12 × 10 ml or 8 × 15 ml

**MICE12 Portable Mini Centrifuge** is a compact laboratory centrifuge for routine bench work and practical backup use in larger laboratories. The unit is positioned for serum / plasma preparation, urine sediment work, PRP workflows, quick spin-down steps and general daily laboratory use. Standard packing supports a **12 × 10 ml fixed-angle rotor**, with an optional **8 × 15 ml fixed-angle rotor** available for larger tube formats.

PORTABLE CENTRIFUGE

4000 RPM

12 × 10 ML STANDARD

8 × 15 ML OPTIONAL

LCD DISPLAY

BRUSHLESS MOTOR

LID LOCK

80 W

7.5 KG

Document type: **Technical Specification Sheet**

Product family: **Sample Preparation / Laboratory Centrifuges / Mini Centrifuges**

Model: **MICE12** · Product number: **PRO6856**

Product page: [colo.si/product/mice12-mini-centrifuge/](https://colo.si/product/mice12-mini-centrifuge/)

Format: **A4 landscape** · **COLO.Science TechSpec v2.4** with navigation links



COLO lab experts



COLO lab experts

MICE12 · portable laboratory mini centrifuge · front view and 12 × 10 ml tube configuration

MODEL / PRODUCT NO.

**MICE12**  
**PRO6856**

ADDRESS / HQ

**Polje ob Sotli 4**  
**SI-3255, Slovenia**

CONTACT

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# MICE12 · technical specification

Portable table-top mini centrifuge for routine and backup laboratory use

4000 RPM MAX

1880 × G LISTED\*

12 × 10 ML STANDARD

8 × 15 ML OPTIONAL

TIMER 1-99 MIN

- Compact centrifuge for clinical prep, teaching labs, reserve benches and everyday routine steps

## Product Overview

### Application profile

**Routine bench work:** suitable for daily sample-preparation steps where a compact, simple centrifuge is preferred.

**Clinical preparation:** applicable for serum / plasma preparation, urine sediment work and PRP-related workflows.

**Quick spin-down:** useful after pipetting, for PCR strips, microtubes and clean-up steps where fast bench access matters.

**Backup placement:** practical as a reserve centrifuge for large laboratories, teaching spaces and busy sample-preparation benches.

### Design and handling advantage

**Portable format:** compact 300 × 260 × 210 mm body and 7.5 kg weight support relocation between benches or rooms.

**Brushless drive:** DC brushless motor reduces routine maintenance and avoids carbon dust from brush systems.

**Display control:** LCD display with backlight shows speed, RCF and time during operation.

**Safety logic:** electromagnetic lid lock / closed-lid interlock sensor supports controlled operation.

### Key features

**Speed:** maximum speed 4000 rpm with speed accuracy listed as ±10 rpm / min.

**Capacity:** maximum capacity listed as 8 × 15 ml / 12 × 10 ml, depending on rotor configuration.

**Timer:** tabulated specification states 1-99 min; supplied descriptive notes also mention 0-99 min.

**Noise:** ≤60 dB(A) overall noise according to the tabulated specification.

**Power:** 80 W total power, AC 220 ±22 V, 50 Hz, 10 A listed in the specification table.

**Rotor options:** PRO6943 rotor 12 × 10 ml and PRO6944 rotor 8 × 15 ml.

### Core technical summary

Parameter	Specification
Model	MICE12
Product number	PRO6856
Instrument type	Portable table-top mini centrifuge
Maximum speed	4000 rpm
Maximum capacity	8 × 15 ml / 12 × 10 ml
Display	LCD display with backlight
Drive motor	DC brushless motor
Safety feature	Electromagnetic lid lock / closed-lid interlock sensor
Dimensions	300 × 260 × 210 mm
Weight	7.5 kg

MAX SPEED

4000 rpm

LISTED RCF

1880 × g \*

STANDARD ROTOR

12 × 10 ml

WEIGHT

7.5 kg

## Technical Specifications

### Performance

Parameter	Specification
Max speed	4000 rpm
Max RCF	1880 × g *
Maximum capacity	8 × 15 ml / 12 × 10 ml
Timer	1 min - 99 min
Speed accuracy	±10 rpm / min
Noise	≤60 dB(A)
Typical use note	Suitable for routine and clinical bench protocols

### Drive and electrical data

Parameter	Specification
Drive motor	DC brushless motor
Total power	80 W
Power supply	AC 220 ±22 V, 50 Hz, 10 A
Universal power note	220 V (±10%), 50-60 Hz mentioned in supplied marketing notes

### Dimensions and logistics

Parameter	Specification
Size	300 × 260 × 210 mm
Packing size	380 × 340 × 285 mm
Weight	7.5 kg
HS code	8421199090

### Construction and operation

Parameter	Specification
Structure	Portable
Type	Table top / portable
Material	Plastic
Display	LCD display with backlight
Displayed parameters	Speed, RCF and time
Parameter change during run	Supported
Safety feature	Electromagnetic lid lock / closed-lid interlock sensor
Product page	<a href="#">Open MICE12 product page</a>
Expected PDF	<a href="#">Open MICE12 PDF datasheet</a>

#### Important note on RCF value

**Conflicting source value:** supplied descriptive notes mention 4000 rpm / 2800 × g, while the tabulated specification lists Max. RCF 1880 × g.

**Current document handling:** the table uses 1880 × g as the formal value, but this should be verified before final publication or quotation issue.

**Publishing note:** keep this warning visible until the final manufacturer-confirmed RCF value is checked.

#### Rotor wording note

**Standard rotor:** 12 × 10 ml fixed-angle rotor.

**Optional rotor:** 8 × 15 ml fixed-angle rotor.

**Check note:** one input line mentions 12 × 15 ml; final rotor wording should be confirmed before catalog release.

Technical values are provided for product selection and orientation. Final delivered configuration, rotor type, accessory set and documentation should be confirmed through the official COLO.Science quotation or manufacturer-confirmed offer.

## Rotor Options, Standard Delivery and Visual Support



MICE12 with both rotor options shown for selection overview

### Rotor overview



PRO6943 · fixed-angle rotor · 12 × 10 ml · 4000 rpm



PRO6944 · fixed-angle rotor · 8 × 15 ml · 4000 rpm

### What's in the box

**Standard packing:** MICE12 mini centrifuge main unit.

**Included rotor:** fixed-angle rotor 12 × 10 ml.

**Accessories:** power cable and quick start guide.

**Optional:** fixed-angle rotor 8 × 15 ml.

**Adapter-based flexibility:** supplied notes state that, with adapters, the 8 × 15 ml rotor can run 2.0 / 1.5 / 0.5 / 0.2 ml tubes.

### Navigation note — this specification is linked back to COLO.Science

This technical specification contains direct links to the product page, quotation request page, COLO.Science home page and the expected PDF datasheet. If a user opens this document directly from Google or on a mobile device, the page remains connected to the main website and quotation path.

## Selection and Use Notes

### For routine centrifugation

**Tube format:** choose 12 × 10 ml for routine vacuum tube work or 8 × 15 ml for larger tube format.

**Daily bench use:** suitable where a small and economical centrifuge is preferred.

### For clinical preparation

**Sample prep:** intended for serum / plasma preparation, urine sediment work and PRP workflows.

**Quick spin-down:** useful after pipetting and for general small-volume handling.

### For backup placement

**Reserve role:** useful as a secondary centrifuge for large labs and teaching spaces.

**Portability:** compact size and 7.5 kg weight support relocation between benches.

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MANUFACTURER AND SUPPORT

## COLO Lab Experts

Polje ob Sotli 4, SI-3255, Slovenia

**Selection guidance:** Send the preferred tube format, routine sample type, bench workload, required rotor configuration and whether the unit will be used as a main compact centrifuge or as a backup / secondary centrifuge. COLO.Science can help confirm the correct MICE12 configuration and accessory set for the intended workflow.

QUICK CONTACT

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COLO.SCIENCE · MICE12 COMPACT CENTRIFUGATION SUPPORT

## Need help selecting the correct MICE12 rotor configuration?

Send the preferred tube format, expected sample type, routine bench workload and whether MICE12 should be used as a primary compact centrifuge or as a backup unit. COLO.Science can help confirm the suitable rotor, adapter requirement and quotation configuration.

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**Official configuration and manufacturer-confirmed specification notice:**

This technical specification is provided for orientation, product selection and general information only. It does not represent the final binding technical specification, delivered configuration, accessory set, procurement requirement or acceptance criterion for a specific unit. The final official technical specification is only the specification confirmed by the manufacturer and issued for the exact configuration through an official COLO.Science quotation, proforma invoice, contract document, order confirmation or manufacturer-approved technical offer. Any values, options, accessories or configurations shown in this document must be verified for the specific delivery and should not be used as an exclusion or elimination criterion in procurement procedures without written manufacturer confirmation. For MICE12 specifically, please verify the final RCF value and exact optional rotor wording before final publication, quotation release or catalog printing.