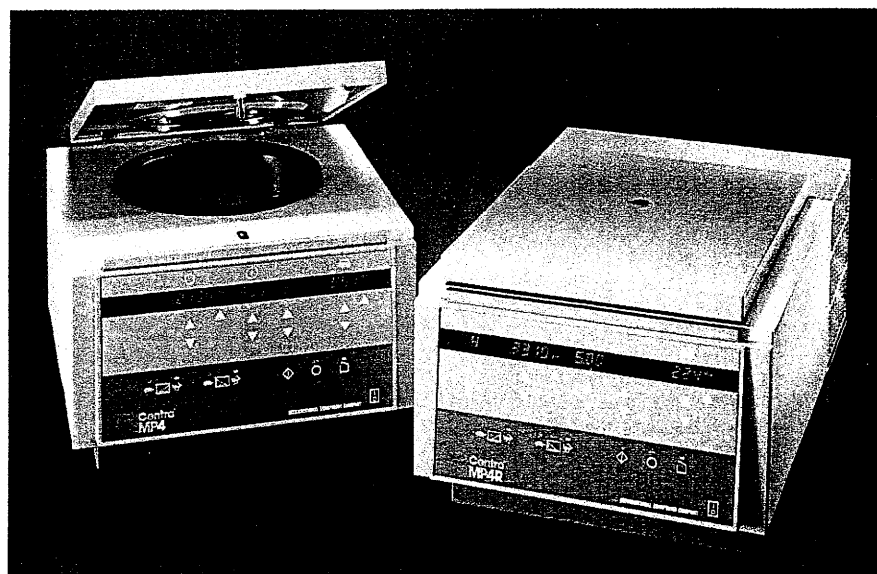# IEC Centra*-MP4/Centra-MP4R Multipurpose Benchtop Centrifuges

- **Reach speeds of 14,000 rpm, with forces to 16,750xG**
- **Handle loads up to 4 x 250 mL**
- **Offers g-force run control, At Speed countdown timer, and save/lock of 10 run settings**
- **Refrigerated version is CFC-free and provides automatic rapid cooling to 4° C or warming to room temperature**

These highly versatile programmable centrifuges feature a wide selection of rotors to meet virtually any application. Each unit can be used as a large-capacity centrifuge when equipped with 05-006-9 Swing-out Rotor (p. 561) which accommodates loads of 1000 mL (4 x 250 mL). Or convert the unit into a microcentrifuge by inserting the 05-112-125 Microtube Rotor (facing page). Using the 05-155-5 Rotor (p. 566) turns your centrifuge into a microplate centrifuge capable of handling up to four 96-well microplates. Choose from these rotors or 14 other rotors to match your application. Plus, many of the rotors are interchangeable with other IEC bench centrifuges.

Advanced SmartSet* microprocessor controls and a waterproof membrane switch panel ensure accurate selection of run parameters. Rotor speed can be set from 300 to 14,000 rpm in 100 rpm increments. Or you can enter a g-force and the unit will automatically set speed to produce that force. Timer can be set up to 5 minutes in 1-sec. increments and from 5 to 360 minutes in 1-min. increments. When setting the timer, you can select from two modes: At Speed, which delays countdown until rotor reaches operating speed; or traditional At Start, which begins timer when START button is pushed. An internal memory lets you store/lock up to 10 programs that can be recalled at the touch of a button. The control panel can also be used to select acceleration/braking rates, momentary spins (with count-up timer), or temperature (Centra-MP4R only). Digital displays show actual operating conditions or set values at the push of a button.
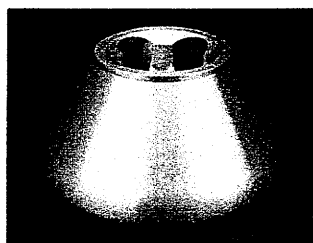
These models are also equipped with several features designed to ensure safe operation. Fail-safe cover interlock prevents the lid from being opened while the rotor is moving. Imbalance detector automatically shuts down the unit if rotor imbalance occurs—signals operator to rebalance load. Plus, rubber suction feet limit the movement of the unit. Each model is CSA certified, complies with IEC 1010-2-020, and meets OSHA Bloodborne Pathogen Final Rule when equipped with sealed rotors. Manufactured under ISO 9001 quality system. CE mark.

Centra-MP4. Rotors and accessories for the Centra-MP4 are sold separately. Dimensions: 18½ L x 21 W x 15½" H (47 x 53 x 40 cm). Net weight: 100 lb. (45 kg). For 100-240V 50/60 Hz, 8A.

IEC No.	Cat. No.	Each
2437	05-112-116	

Centra-MP4R. Similar to the Centra-MP4 centrifuge, except with CFC-free refrigeration. Control panel includes a switch for selecting temperatures from −5° to +40° C in 1° C increments. Actual temperature is displayed digitally on the control panel. An automatic Fast Cool feature lowers chamber temperature up to 80% faster than units without this feature. And a built-in sensor alerts you to any over/under temperature conditions. Dimensions: 18½ L x 27 W x 15½" H (47 x 69 x 40 cm). Net weight: 140 lb. (64 kg). For 100-240V 50/60 Hz, 12.5A.

IEC No.	Cat. No.	Each
2438	05-006-4	

Four-Place Fixed-Angle Rotor

4 x 50 mL capacity. High-speed rotor spins tubes at 30° angle. Fits in Centra*-MP4/-MP4R centrifuges to directly accept 50 mL tubes. Rotor reaches speeds to 12,900 rpm, with forces to 14,000xG.

Capacity	IEC No.	Cat. No.	Each
4 x 50 mL	854	05-112-128	

Six-Place Fixed-Angle Rotor

6 x 30 mL capacity. For use in Centra*-MP4 and Centra-MP4R centrifuges. Accommodates loads up to 180 mL (6 x 30 mL). Spins samples to 13,400 rpm, creating forces to 15,050xG.

Capacity	IEC No.	Cat. No.	Each
6 x 30 mL	836	05-112-124	

Prices and packaging subject to change without notice.