

Cat. #533 Manual
MezzoTM
Microcentrifuge



Features:

- Touch OLED display: change speed, time and start/stop
- Speed Range: 1000-12000 rpm, 1000 rpm increments
- Timer Range: 10 seconds-20 min, 10 second increments
- Max RCF: 7490 xg
- Power: AC100-240V, 50Hz/60Hz; 30W
- Dimensions: 210 x 180 x 130 mm
- Weight: 1.5 kg
- One Year Warranty

Includes:

- High-speed Mini Centrifuge
- 12 place 1.5/2.0 mL tube + 32 place 0.2 mL tube rotor (4 x 8 Strip) rotor
- 12 tube adapters 0.2 mL
- 12 tube adapters 0.5 mL
- US, UK, EU adapter

Installation Instructions:

1. **UNPACK** and **PLACE** the centrifuge on a solid and flat surface (laboratory bench space).
2. **ENSURE** a good working environment and ambient temperature of 5°C - 35°C.
3. **PROTECT** the centrifuge from direct sunlight or temperatures higher than 30°C.
4. **ALLOW** for good ventilation by avoiding crowded areas.
5. **KEEP** the centrifuge away from heat or liquid chemical spills.

Rotor Installation:

1. **ENSURE** the centrifuge chamber is clean and dry.
2. **ENSURE** there is no sign of corrosion, cracks, or damage to the rotor.
3. Firmly **PLACE** the rotor into position onto the rotor base motor shaft.
4. **PRESS** the rotor inward onto the motor shaft to secure tightly.

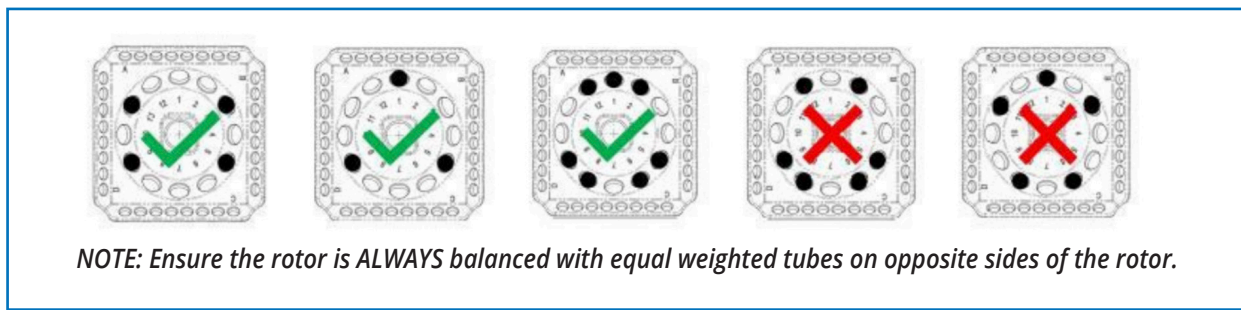


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Operating Procedures:

1. **CONNECT** the power supply and **PRESS** the power switch located on the back of the main unit so the OLED screen lights up.
2. **PRESS** the button to open the lid and **PLACE** the sample-loaded centrifuge tubes *symmetrically* on the rotor without spilling any liquid. Take care to **LEVEL** the tubes in advance (see figure below).



3. **CLOSE** the centrifuge cover and **TOUCH** the “Speed” and “Time” indicators on either side of the screen to switch between speed and time on the main and secondary displays of the OLED screen. **TURN** the dial knob to set speed and time respectively.
4. **PRESS** the OLED screen key to start the centrifuge. **PRESS** again to stop operation. NOTE: If the “Open” button is pressed while the centrifuge is running, the top cover opens and the machine stops automatically.
5. **REMOVE** the centrifuge tubes and **SWITCH** off the power.

Warnings:

Changes or modifications not expressly approved by EDVOTEK® could void the user’s warranty and authority to operate the equipment. NOTE: This centrifuge has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the centrifuge is operated in a commercial environment. The centrifuge generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the user manual, may cause harmful interference to radio communications. Operation of centrifuge in a residential area is likely to cause harmful interference in which case the user may be required to correct the interference.