

REMI PR-10 Ultra Platelet Agitator + PI-10 Ultra Incubator

- Platelets must be kept at 22°C with continuous gentle shaking - otherwise they clump and die. PR-10 is the shaker that goes INSIDE the incubator.

SPECIAL FEATURES - PR-10 ULTRA Agitator

1. Platelet Viability:

- Platelets need constant motion to get oxygen and prevent aggregation
- Fixed speed agitation with optimum amplitude for better viability
- Strokes: 60 to 80 per minute adjustable (standard 70-80/min)
- Amplitude: 38 ±2mm - gentle to-and-fro
- 24x7 continuous jerk-free operation

2. Construction:

- Easy pull-out adjustable shelves - ensures inventory management - you can organize by blood group
- Perforated flatbed corrosion resistant shelve - uniform air circulation - all platelets get same temp
- 9 trays / shelves
- Capacity: 54 RDP platelet bags (Random Donor Platelets) or 48 apheresis bags
- Robust motorized slide with heavy duty geared motor - no breakdown
- Size: 440 x 410 x 395mm - fits exactly inside PI-10

3. Smart Features:

- Push button for agitator **PAUSE** - pause when you need to take out a bag, then resume
- Auto stop/start - pauses agitation when incubator door is opened - saves power, safety
- Microprocessor agitator control
- Alarm for motion fault - if agitation stops, audio-visual alarm

SPECIAL FEATURES - PI-10 ULTRA Incubator (the outer chamber)

1. Temperature Control:

- Temperature: 22°C ±0.5°C (range 20-24°C) - WHO standard for platelets is 22±2°C
- Setting accuracy 0.1°C
- Microprocessor + intelligent controller - maintains temp even if sensor fails
- CFC-free refrigeration + heating - maintains 22°C even if lab is 10°C or 35°C
- Forced air circulation - uniformity at all sides
- 50mm CFC-free PUF insulation
- Frost-free performance

- Safety thermostat to prevent negative & positive temperature overshoot

2. Data Logging & Alarms:

- 4 inch attractive LCD display
- Displays temp, alarms, date & time
- On-screen access for last 24Hrs data logs, temp histogram & system status
- Memory for up to 5 years / 1000 records
- Settable high/low alarm points
- Alarms: High/low temp ($\pm 2^{\circ}\text{C}$), power failure, agitator motion fault, door open, compressor run
- Battery backup 8 Hrs for controller, display, recorder, alarm system

3. Physical:

- Internal volume 183 Liters
- Internal Dimension: 540 x 520 x 634mm
- External Dimension: 640 x 685 x 1185mm
- Triple pane tempered glass door - clear visibility
- Swivel lockable castors with floor standing jacks
- Seven days inkless chart recorder (or thermal printer)
- Frost-free, LED internal light
- Electrical: 220-240V, 50Hz

TECHNICAL SPECIFICATIONS - COMBINED SET

PI-10 Ultra Incubator PR-10 Ultra Agitator

- Purpose - Maintain 22°C Continuous agitation
- Temp Range $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ ($20-24^{\circ}\text{C}$) Inside incubator
- Volume 183L
- Strokes - 60-80 per min adjustable
- Amplitude - 38 ± 2 mm
- Power 220V Via incubator
- Alarms Hi/Lo temp, power, door, motion fault