

REMI KBM 70

- Blood Bank Refrigerated Centrifuge
- This is the **MAIN** machine in any blood bank- for making blood components. Not a small lab centrifuge.

SPECIAL FEATURES

1. Purpose - Blood Component Separation:

- Designed for small to big blood processing centers
- Prepares: Packed cells, Platelet Rich Plasma (PRP), Platelet Concentrate, Cryoprecipitate
- Also: Buffy coat separation, Leukocyte poor red cells

2. High Performance Refrigeration:

- Temp Range: -10°C to +40°C
- Fast pre-cooling - reaches 4°C in few minutes
- Copper tubes - bright annealed high quality ASTM B Grade 68
- CFC-free refrigeration system
- Keeps blood at 4°C during spin - prevents hemolysis

3. Motor & Safety:

- Brushless induction motor - maintenance free, frequency drive
- Extremely low vibration and noise
- Smooth acceleration / deceleration
- Safety lid-interlock - prevents cover opening during centrifugation
- Unbalance cut-off with indication - auto stops if bags not balanced
- Self diagnosis of errors

4. Smart Microprocessor Control:

- Menu driven 21 programs with tamper proof memory
- 7 Predefined blood bank programs:
 - Precool 1, Precool 2
 - PRP Soft, PRP Hard
 - Buffy coat Soft, Buffy coat Hard
 - **Sequential program** - speed, time & temp with 4 sub-programs
 - Simultaneous display of SET and RUN parameters
 - Facility to set and indicate RCF directly (no need to calculate RPM)
 - Safety key lock - prevents tampering

5. Flexibility:

- Timer 1 to 99 minutes

- 9 Acceleration + 10 Deceleration profiles - critical for platelet yield - slow decel prevents disturbing platelet pellet
- Speed holding accuracy ± 10 RPM
- Max speed 4280 RPM settable

TECHNICAL SPECIFICATIONS - KBM 70

- Max Speed- 4280 RPM (settable ± 10 RPM)
- Max RCF - 6000 g
- Temp Range -10°C to +40°C
- Capacity. 6 x 500ml blood bags (or 12 x 350ml) with wind shield swing out rotor
- Programs 21 programs - tamper proof + 7 pre-defined blood bank programs
- Timer 1-99 minutes
- Motor Brushless induction, frequency drive
- Control Touch key pad, microprocessor
- Safety Lid interlock, unbalance cut-off, self-diagnosis, key lock
- Refrigeration CFC-free, copper tubes ASTM B68
- Power 220-240V, 50Hz, Single Phase - needs 2-6 KVA stabilizer
- Weight ~240 kg (floor model)
- Display LED - Set vs Run
- Compliance - CE, ISO, US-FDA

WHERE IT IS USED:

- Blood banks