

TECHNICAL SPECIFICATIONS PLANETARY BALL MILL

- **No. of stations – 2 Working stations**
- Maximum feed particle size - upto 5 mm
- **Final fineness < 1 µm** (Documentary evidence should be attached)
- No. of bowls - 2 bowls of 45 ml volume
- Grinding balls – 40 No's of 10 mm balls
- Bowls and balls Material - Hard metal tungsten carbide.
- Speed up to **800 rpm**
- High energy milling with centrifugal acceleration up to 50 g ($g = 9.81 \text{ m/s}^2$).
- Main disc size: 140 mm
- **Transmission ratio 1: -2**
- Dry and wet grinding capability.
- Speed control with display
- Safety lock clamping system.
- High performing Bench top model
- No-Loss grinding, even in suspension
- Easy to operate Compensation mechanism to balance all grinding bowls.
- Built-in cooling of grinding chamber to permit longer uninterrupted grinding.
- Programmable interval and time break
- Rotation direction - clock wise and anti-clock wise.
- Reproducible grinding parameters with use of synchronous belts for transmission.
- Simple cleaning of grinding components.
- Documentary evidence should be attached.