| Product name: | Product code: |
| --- | --- |
| Laboratory Bead Mill for Pigment Dispersion | CMI-IND-0234 |

## Description

Small batch horizontal bead mill that grinds pigment into binder to a set fineness. Used by paint, ink and masterbatch labs for trial formulations before production.

## Technical specification

- Zirconia beads
- Gap separator
- Spanner set

The pigment slurry is pumped through a chamber with grinding beads on a rotating shaft, breaking agglomerates into primary particles. Cooling jacket keeps temperature under control. Fineness is checked with a grind gauge during milling.

**Features**

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- Chamber with pin rotor
- Water cooled jacket
- Variable speed drive
- Zirconia bead compatible
- Closed pump system

**Technical Specifications**

| | |
|---|---|
| Application | Pigment dispersion for paints and inks |
| Chamber Volume | 1.0 litre |
| Shaft Speed | 1000 to 3500 rpm |
| Bead Size | 0.3 to 2.0 mm |
| Motor | 2.2 kW |
| Cooling | Water jacket |
| Pump | Peristaltic |
| Power | 415 V AC, 3 phase |

**Standard Accessories**