



## UNIVERSE LABORATORY PULVERIZER AZA0991

The AZA0991 Laboratory Pulveriser is a high-performance grinding machine designed for the fine and uniform pulverization of materials such as cement, soil, clinker, aggregates, ores, and minerals.

Engineered for fast, consistent, and precise sample preparation, this unit is widely used in civil engineering, mining, geotechnical, construction material, and research laboratories. It ensures reliable particle size reduction for downstream testing including XRF analysis, sieve analysis, and chemical composition evaluation.

### Key Functional Features

- Heavy-duty cast steel construction for durability
- Hardened steel or tungsten carbide grinding chamber (optional)
- Adjustable fineness control for variable output size
- High-speed motor with thermal overload protection
- Compact, low-vibration tabletop design
- Quick-release grinding chamber for easy cleaning
- Designed for continuous and efficient operation

### Standards Compliance

- Manufactured in accordance with relevant IS Standards
- Suitable for sample preparation aligned with ASTM testing methods





**UNIVERSE**

**TECHNICAL SPECIFICATION**

<b>Parameter</b>	<b>Specification</b>
Model No.	AZA0991
Motor Power	1 – 2 HP
Power Supply	220V / 440V AC
Grinding Capacity	100 – 250 g/min
Output Fineness	Up to 150 microns (100 mesh)
Feed Size	Up to 6 mm
Hopper Capacity	500 g
Grinding Chamber	Hardened Steel / Tungsten Carbide (Optional)
Drive Type	Belt Driven
Safety System	Overload Protection + Thermal Cut-off
Standards	IS / ASTM Compatible

**Standard Supply**

- Laboratory Pulveriser Unit
- Grinding Chamber (Hardened Steel)
- Hopper and Feed Assembly
- Collection Tray
- Motor with Drive System