

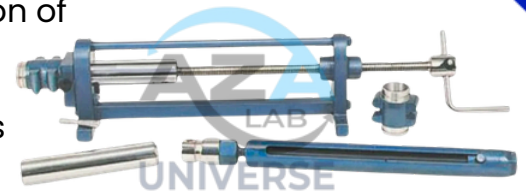


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## **EXTRACTOR FRAME UNIVERSAL (SCREW TYPE)**

### **AZA0892**

The AZA0892 Universal Extractor Frame (Screw Type) is a robust and reliable apparatus designed for the controlled extraction of soil samples from laboratory molds and field compaction cylinders. It is an essential tool for geotechnical laboratories and civil engineering testing facilities, where maintaining sample integrity is critical for accurate test results.



Engineered with a precision screw-type loading mechanism, the AZA0892 applies smooth and progressive force, enabling soil specimens to be removed without cracking, crumbling, or disturbing their compaction characteristics. This ensures dependable results in tests such as Proctor, Modified Proctor, and CBR, where specimen condition directly influences performance parameters.

#### **Key Features & Benefits**

- Screw-type controlled extraction for smooth, gradual force application
- Universal mold compatibility reduces need for multiple extractors
- Preserves sample integrity, maintaining density and structure
- Heavy-duty steel construction for long-term durability
- Simple manual operation for efficient workflow
- Ideal for high-volume laboratory testing



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**TECHNICAL SPECIFICATION**

<b>Parameter</b>	<b>Specification</b>
Model	AZA0892
Type	Universal Extractor Frame
Operation	Manual screw type with hand wheel
Compatibility	Proctor, Modified Proctor, CBR molds, field density cylinders
Maximum Mold Diameter	Up to approx. 150 mm (6 in)
Sample Height	Adjustable for various mold heights
Construction	Heavy-duty steel frame and precision screw
Base Plate	Reinforced, stable base
Finish	Corrosion-resistant laboratory coating
Mounting	Benchtop / Floor-standing



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### Compatible Molds & Applications

#### Compatible Molds:

- Standard Proctor molds (100 mm / 4 in)
- Modified Proctor molds (150 mm / 6 in)
- CBR molds
- Field density compaction cylinders and cones

#### Applications:

- Compaction and Density Determination
- CBR Testing
- Strength & Deformation Studies
- Quality Control of Earthworks & Pavements

#### Advantages

- High reliability in sample extraction
- Consistent and repeatable performance
- Low maintenance requirements
- Long operational lifespan
- Suitable for continuous laboratory use