

# Laboratory Rubber Kneader

The laboratory rubber kneader is designed for mixing rubber compounds in laboratory and small-scale production environments. It is available in 3L, 5L, and 10L capacities.



## ADDITIONAL IMAGES



## Overview

### Precision Laboratory Kneading

This laboratory kneader is designed for efficient mixing and plasticating of rubber, plastics, and accessory ingredients in a controlled environment. Featuring a hermetically sealed chamber with precise pressure and temperature regulation, it ensures high production efficiency and uniform material dispersion. Its compact, robust design makes it an ideal solution for research, development, and small-scale production where quality and consistency are paramount.

## Technical Specifications

### Control Features

- Precise temperature control system
- Pressure controllable environment
- Variable speed drive
- User-friendly interface

### Available Capacities

3L, 5L, 10L

### Mixing Mechanism

Twin rotors rotating in opposite directions with hydraulic pressure ram

## Safety & Design

### Safety Features

Emergency stop • Safety interlocks • Overload protection

### Construction Highlights

- Hermetically closed chamber
- Heavy-duty frame
- Wear-resistant mixing chamber
- Compact footprint for limited space

## Operational Benefits

### Performance Metrics

**100 %**

Contamination Control