

# 5L Dispersion Kneader Internal Mixer

This 5L dispersion kneader is designed for efficient mixing and kneading of materials. It is suitable for laboratory-scale research and development or small-scale production.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Dispersion Kneader

This 5L Dispersion Kneader is designed for intensive mixing and compounding of rubber, plastics, and other viscous materials. Utilizing advanced technology and high-quality core components, it offers excellent dispersion effects, energy efficiency, and low-noise operation. Its robust construction features a chromium-coated mixing chamber for extended service life and precise control systems for accurate, reliable performance in laboratory or small-scale production environments.

## Technical Specifications

Mixing Capacity	5 L
Productivity	4.0 - 10.0 KG/load
Driving Motor Power	7.5 KW
Tilting Motor Power	0.4 KW
Electric Heater Power	1.8 KW
Tilting Angle	110 °

## Dimensions and Weight

Dimensions (H x W x L)	1,900 x 1,000 x 2,000 mm
Total Weight	1200 KG

## Key Features

### Construction Highlights

- Chromium-coated mixing chamber (0.12-0.18mm thickness)
- 42 Chromium-molybdenum gear reducer with nitridation treatment
- Reverse rotation discharging for easy cleaning
- Advanced dry mechanical shaft seal
- High-rigidity hardened tooth surface gears

### Performance Metrics

**2 x**

Service Life vs Traditional