

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