

X3000 batch disperser is equipped with a 1050W motor, featuring high torque and a rotational speed ranging from 3,500 to 25,000 rpm. It can handle a single batch of up to 10 liters. Its powerful performance, reliable quality and flexible application make it an ideal tool for sample preparation and process exploration in laboratory analysis and R&D centers. It not only enhances the efficiency of research and development, but also provides a solid guarantee for the accuracy and repeatability of experimental results.

X3000 Batch Disperser

Surging Power | Drive a Variety of Tools | First Choice for R&D Work



Outstanding Quality

- High-performance motor, powerful, efficient and more durable
- Low excitation impedance, low heat generation during long-term operation

Speed

- Load constant speed tech, dynamic viscosity compensation for stable speed
- Wide speed range for low & high-speed homogenization

Safety

- Soft start ensures smooth start-up and motor protection
- PTC temperature monitoring, motor overheat protection, safe and reliable
- ClickLock quick-plug interface makes it convenient and fast to install tools

Dispersion Tools

- 50 types of tools to meet the needs of diverse samples (standard /serrated /fiber /turbulent /emulsified , etc.)
- Specially made Polyflon™ PTFE shaft sleeve, excellent wear resistance and chemical stability
- Resistant to chemical, steam and dry heat sterilization

Quality Assurance

- CE certification; 3-year warranty

Batch Dispenser | X3000



Project Name	Technical data
Model	X3000
Order Number	22271.02
Drive Motor	Carbon Brush
Input/output Power	1050/660W
Speed Range	3500~25000rpm; 6th Gear
Speed Display	Scale Indication
Governor	Microprocessor
Soft Start	Support
Overheat Protection	Support
Overload Protection	Support
Volume range(H ₂ O)	0.5~10000ml
Maximum Viscosity	5000mPa.s
Maximum Line Speed	35m/s
Blade Diameter	∅ 5, 7, 10, 12, 14, 18, 20, 25, 30, 35mm
No-load Noise	75dB (A)
Sample-contacting Material	AISI 316L/PTFE
Contact With Sample Solution PH	2~13
Processing Type*	Batch/Continuous Type
Arm Diameter	∅ 16mm
Arm Length	210mm
Dimensions (Driver)	75×95×310mm
Weight	2.5kg
Working Environment	5~40°C, ≤85%RH
Rated Voltage	AC 220~240V, 50/60Hz
Protection Level	IP 20
Warranty Period	3 Years

*Optional flow device: continuous sample processing



Pharmaceuticals



Biology



Food



Chemical Coatings



Daily Chemicals



New Material



New Energy

Batch Dispenser | X3000 Accessories

Drive

Order Number	Description
22271.02	X3000 drive, AC230V, 50/60Hz, 1050W, includes main unit, arm, wrench, manual, warranty card, certificate



Standard Set

Order Number	Description
21312.02	X3000 driver, CT20/S25W serrated tool, STL2 double-rod stand, DC150 container clip, SR2 safety ring
21323.02	X3000 driver, CT20/S35E emulsifying tool, eST3 electric stand



Dispenser stand

Order Number	Description
170210	STL2 double-rod stand, L-type, material of AISI316L/ aluminum alloy, dimensions L200 × W310 × H600mm
170220	STL2 double-rod stand, H-type, made of AISI316L/ aluminum alloy, with dimensions L300 × W340 × H600mm
271131	eST3 electric stand, with a lifting range of 325–545mm and dimensions of L290 × W410 × H600mm



Accessories

Order Number	Description
273031	DC150 universal clamp: nylon strap, clamping range Ø 50–150mm, for beakers/flasks
175020	SR2 safety positioning ring: stainless steel, fits double-rod stand
174015	LP15 container lift: 150 × 150mm, stainless steel, with anti-slip pad
174020	LP20 container lift: 200 × 200mm, galvanized steel, with anti-slip pad
174030	LP30 container lift: 300 × 300mm, stainless steel, with anti-slip pad



Retain technical modifications
 More accessories available at our website: www.disrad.com