

X700 batch disperser is an economical disperser with a rotational speed ranging from 5,000 to 28,000 rpm. It can handle sample liquids from 0.5ml to 8,000 ml. With a low-noise design, it is compatible with various sizes and types of dispersion tools and can quickly complete operations such as dispersion, homogenization, emulsification, suspension and mixing. Its outstanding cost performance and flexible configuration make it an ideal choice for analytical laboratories in chemistry, biology, pharmaceuticals and other fields.

X700 Batch Disperser

Economical Cost-effective | Low-noise



Cost Performance

- Economy, stable and reliable, widely used
- High-performance motor, powerful, efficient, low-noise
- Swiss WIB drive bearings, high durability

Humanized

- Wide speed range for low & high-speed homogenization
- 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 Certified; 2-Year Warranty

Batch Dispenser | X700



Project Name	Technical Data
Model	X700
Order Number	22237.02
Drive Motor	Carbon Brush
Input/Output Power	600/380W
Speed Range	5000~28000rpm; 6th Gear
Speed Display	Scale in Dication
Speed Controller*	Potentiometer
Volume range(H ₂ O)	0.5~8000ml
Maximum Viscosity	4500mPa.s
Maximum Line Speed	28.8m/s
Blade Diameter	Ø 5, 7, 10, 12, 14, 18, 20, 25, 30mm
No-load Noise	69dB (A)
Sample-contacting Material	AISI 316L/PTFE
Contact with Sample Solution PH	2~13
Processing Type	Batch
Arm Diameter	Ø 13mm
Arm Length	210mm
Dimensions (Driver)	70×70×235mm
Weight	1.5kg
Working Environment	5~40°C, ≤85%RH
Rated Voltage	AC 220~240V, 50/60Hz
Protection Level	IP 20
Warranty Period	2 Years

*Optional desktop speed controller



Pharmaceuticals



Biology



Food



Chemical Coatings



Daily Chemicals



New Material



New Energy

Batch Dispenser | X700 Accessories

Drive

Order Number	Description
22237.02	X700 drive, AC230V, 50/60Hz, 600W; incl. main unit, arm, wrench, manual, warranty card, certificate.



Standard Set

Order Number	Description
21105.02	X700 drive, T14W serrated tool, STL2 double-rod stand, DC150 container clamp, SR2 safety ring.
21112.02	X700 drive, ET20/S20W serrated tool, STL2 double-rod stand, DC150 container clamp, SR2 safety ring.



Dispenser Stand

Order Number	Description
170210	STL2 double-rod stand, L-type, AISI316L/aluminum alloy, L200 × W310 × H600mm
170220	STH2 double-rod stand, H-type, AISI316L/aluminum alloy, L300 × W340 × H600mm
271131	eST3 electric stand, lift range 325–545mm, L290 × W410 × H600mm



Accessories

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



Retain technical modifications

More accessories available at our website: www.disrad.com