



KINTEK SOLUTION

Homogenizer Catalog

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KINTEK SOLUTION

COMPANY PROFILE

>>> About Us

KinTek Group Limited is one technology orientated organization, team members are devoted to probing the most efficient and reliable technology and innovations in the scientific researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vacuum creating, refrigerating, as well as pharmaceutical and petroleum extracting equipment.



Laboratory Homogenizer Mixer Benchtop Homogenizer With 8 Inch Pp Chamber

Item Number: COA-1



Introduction

The 8-inch PP chamber laboratory homogenizer is a versatile and powerful piece of equipment designed for efficient homogenization and mixing of various samples in a laboratory setting. Constructed from durable materials, this homogenizer features a spacious 8-inch PP chamber, providing ample capacity for sample processing. Its advanced homogenization mechanism ensures thorough and consistent mixing, making it ideal for applications in fields such as biology, chemistry, and pharmaceuticals. With its user-friendly design and reliable performance, the 8-inch PP chamber laboratory homogenizer is an indispensable tool for laboratories seeking efficient and effective sample preparation.

[Learn More](#)

Input power	110VAC or 220VAC. Please select voltage (10A fuse) in the option bar
Motor power	24V DC motor, maximum power 150W
Product size	13 inches (length) x 10 inches (width) x 8.5 inches (height)
Net weight	15 kilograms (33 pounds)
Vacuum pump	Includes immediately usable vacuum grade rubber tubing
Rotation speed and time	A digital control panel with two programmable segments that can be used for different rotation times and speeds spinning
speed	500 8000 rpm Spinning time: 1 60 seconds
Liquid injection	20mL syringe is used to accommodate coating materials. The height of the syringe holder can be freely adjusted and rotated along the support rod

Benchtop Laboratory Homogenizer Mixer With 4 Inch Pp Chamber

Item Number: COA-2



Introduction

Compact and efficient glue homogenizer for precise sample preparation in laboratories, featuring a 4-inch PP chamber, corrosion-resistant design, user-friendly LCD display, and customizable speed settings for optimal homogenization results.

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Speed range	100-99999 rpm
Speed resolution	1rpm
Adjustable acceleration range	100-99999rpm/s
Maximum single step length	3000S
Time resolution	1s
Wide voltage application	AC100-230V input, selectable for single or with multi step operation in both Chinese and English, up to 5 sets of 5 step programs available
Standard configuration	10mm, 25mm, and 2 inch vacuum loading trays

Laboratory Homogenizer Mixer Benchtop 4 Inch Ptfе Cavity Homogenizer

Item Number: COA-3



Introduction

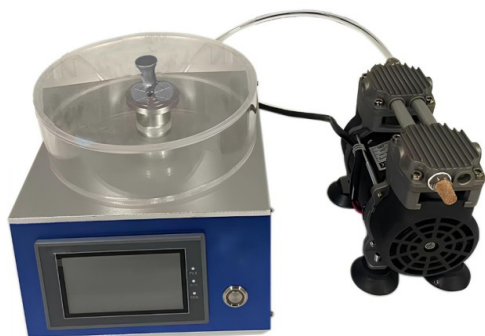
4 inch PTFE cavity fully automatic laboratory homogenizer is a versatile laboratory equipment designed for efficient and precise homogenization of small samples. It features a compact design, allowing for easy glove box operation and space optimization.

[Learn More](#)

Speed range	100-99999 rpm
Speed resolution	1rpm
Adjustable acceleration range	100-99999rpm/s
Maximum single step length	3000S
Time resolution	1s
Wide voltage application	AC100-230V input, selectable for single or multi step operation in both Chinese and English, with up to 5 sets of 5 step programs available
Standard configuration	10mm, 25mm, and 2 inch vacuum loading trays

Benchtop Laboratory Homogenizer Mixer With 4 Inch Acrylic Cavity

Item Number: COA-4



Introduction

The 4-inch acrylic cavity fully automatic laboratory glue dispensing machine is a compact, corrosion-resistant, and easy-to-use machine designed for use in glove box operations. It features a transparent cover with constant torque positioning for chain positioning, an integrated mold opening inner cavity, and an LCD text display color facial mask button. The speed of acceleration and deceleration is controllable and adjustable, and multi-step program operation control can be set.

[Learn More](#)

Speed range	100-99999 rpm
Speed resolution	1rpm
Adjustable acceleration range	100-99999rpm/s
Maximum single step length	3000S
Time resolution	1s
Wide voltage application	AC100-230V input, selectable for single or multi step operation in both Chinese and English, with up to 5 sets of 5 step programs available
Standard configuration	10mm, 25mm, and 2-inch vacuum loading trays

Benchtop Laboratory Homogenizer Mixer With 4 Inch Aluminum Alloy Chamber

Item Number: COA-5



Introduction

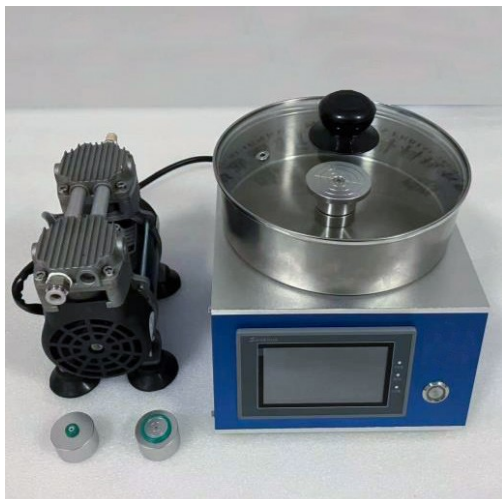
The 4-inch aluminum alloy cavity fully automatic laboratory glue dispensing machine is a compact and corrosion-resistant device designed for laboratory use. It features a transparent cover with constant torque positioning, an integrated mold opening inner cavity for easy disassembly and cleaning, and an LCD text display color facial mask button for ease of use.

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Speed range	100-99999 rpm
Speed resolution	1rpm
Adjustable acceleration range	100-99999rpm/s
Maximum single step length	3000S
Time resolution	1s
Wide voltage application	AC100-230V input, selectable for single or multi step operation in both Chinese and English, with up to 5 sets of 5 step programs available
Standard configuration	10mm, 25mm, and 2-inch vacuum loading trays

Benchtop Laboratory Homogenizer Mixer With 4 Inch Stainless Steel Chamber For Glue

Item Number: COA-6



Introduction

The 4-inch stainless steel chamber fully automatic laboratory glue homogenizer is a compact and corrosion-resistant device designed for use in glove box operations. It features a transparent cover with constant torque positioning and an integrated mold opening inner cavity for easy disassembly, cleaning, and replacement.

[Learn More](#)

Speed range	100-99999 rpm
Speed resolution	1rpm
3.Adjustable acceleration range	100-99999rpm/s
Maximum single step length	3000S
Time resolution	1s
Wide voltage application	AC100-230V input, selectable for single or multi step operation in both Chinese and English, with up to 5 sets of 5 step programs available
Standard configuration	10mm, 25mm, and 2-inch vacuum loading trays

High Shear Homogenizer For Pharmaceutical And Cosmetic Applications

Item Number: COA-7



Introduction

Enhance lab efficiency with our high-speed Laboratory Emulsifier Homogenizer for precise, stable sample processing. Ideal for pharmaceuticals & cosmetics.

[Learn More](#)

Parameter	Specification
Model	KT200-S
Display	LED Digital Tube
Speed Range	Φ12 & Φ18 Head: 300 - 20,000 rpm
Max. Processing Volume (H ₂ O)	300 ml
Lifting Mechanism	Manual
Lifting Stroke	170 mm
Motor Type	Carbon Brush Motor
Power Supply	AC 220V / 50Hz
Power	220 W
Net Weight	7.5 kg
Dimensions (L×W×H)	210 × 290 × 330 mm

Parameter	Specification
Model	KT-HET-25D
Speed Range	Φ25: 5,000 - 20,000 rpm (under H ₂ O load)
Speed Control	Stepless (Knob)
Timer Range	1 - 8 min
Processing Volume (H ₂ O)	Φ25: 7,000 ml
Max. Processing Viscosity	Φ25: 3,500 mPa·s
Working Head Dimensions (Φ×L)	Φ25 × 216 mm
Working Head Immersion Depth	62 - 147 mm
Working Head Material	SUS316L
Power Supply	AC 220V 50Hz
Power	450 W
Net Weight	9.54 kg

Parameter	Specification
Parameter	Specification
Parameter	Specification
Parameter	Specification
Dimensions (L×W×H)	320 × 220 × 630 mm

Parameter	Specification
Model	KT-HEA-36
Speed Range	Φ36: 8,000 - 24,000 rpm
Speed Control	Stepless (6-level dial)
Processing Volume Range (H ₂ O)	Φ36: 500 - 8,000 ml
Max. Processing Viscosity	Φ36: 10,000 mPa·s
Working Head Dimensions (Φ×L)	Φ36 × 225 mm
Working Head Immersion Depth	150 mm
Working Head Material	316 Stainless Steel
Power Supply	AC 160 - 250V 50Hz
Power	1,300 W
Net Weight	7.85 kg
Dimensions (L×W×H)	315 × 200 × 670 mm

Parameter	Specification
Model	KT-HET-25DT
Speed Control	Stepless (Knob)
Processing Volume (H ₂ O)	Φ25: 7,000 ml
Max. Processing Viscosity	Φ25: 3,500 mPa·s
Working Head Dimensions (Φ×L)	Φ25 × 216 mm
Working Head Immersion Depth	62 - 147 mm
Working Head Material	SUS316L
Temperature Measurement Range	-10 ~ 200°C
Power Supply	AC 220V 50Hz
Power	1,050 W
Net Weight	10.5 kg
Dimensions (L×W×H)	360 × 380 × 638 mm

High Performance Lab Homogenizer For Pharma Cosmetics And Food R&D

Item Number: KT-VHE



Introduction

Lab vacuum homogenizing emulsifier for pharmaceuticals, cosmetics & food. High-shear mixing, vacuum deaeration, scalable 1L-10L. Get expert advice now!

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Parameter	KT-VHE-1	KT-VHE-2	KT-VHE-5	KT-VHE-10
Stirring Volume	100-1000ml	100-2000ml	500-5000ml	1000-10000ml
Stirring Speed Range	0-230rpm	0-230rpm	0-230rpm	0-230rpm
Stirring Paddle Style	SUS316L anchor-type with PTFE wall scraper			
Processing Viscosity	100000CP	100000CP	100000CP	150000CP
Stirring Power	120W	150W	150W	300W
Emulsification Volume	500-1000ml	600-2000ml	2500-5000ml	5000-10000ml
Homogenizing Speed Range	8000-28000rpm	8000-28000rpm	8000-30000rpm	8000-30000rpm
Homogenizer Head Model	20DG	25DG	25DG	25DG
Homogenizer Power	1300W	1300W	1300W	1300W
Reactor Lid Ports	Stirring, Vacuum, Homogenizer, Feeding, Temp. Probe + 3 Spare Ports			
Lifting Stroke	300mm	300mm	500mm	500mm
Max. Working Temp.	120°C	120°C	120°C	120°C
Achievable Vacuum	-0.098MPa	-0.098MPa	-0.098MPa	-0.098MPa
Power Supply	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz
Net Weight	35kg	40kg	50kg	55kg
Dimensions (L×W×H)	400×650×1100 mm	400×650×1100 mm	600×450×1100 mm	600×480×1200 mm

Parameter	KT-VHE-1S	KT-VHE-2S	KT-VHE-5S	KT-VHE-10S
Stirring Volume	100-1000ml	100-2000ml	500-5000ml	1000-10000ml
Stirring Speed Range	0-230rpm	0-230rpm	0-230rpm	0-230rpm
Stirring Paddle Style	SUS316L anchor-type with PTFE wall scraper			
Processing Viscosity	100000CP	100000CP	100000CP	150000CP
Stirring Power	120W	150W	150W	300W
Emulsification Volume	500-1000ml	600-2000ml	2500-5000ml	5000-10000ml
Homogenizing Speed Range	8000-28000rpm	8000-28000rpm	8000-30000rpm	8000-30000rpm

Parameter	KT-VHE-1	KT-VHE-2	KT-VHE-5	KT-VHE-10
Parameter	KT-VHE-1S	KT-VHE-2S	KT-VHE-5S	KT-VHE-10S
Homogenizer Head Model	20DG	25DG	25DG	25DG
Homogenizer Power	1300W	1300W	1300W	1300W
Reactor Material	316L Stainless Steel			
Reactor Lid Ports	Stirring, Vacuum, Homogenizer, Feeding, Temp. Probe + 3 Spare Ports			
Lifting Stroke	300mm	300mm	500mm	500mm
Max. Working Temp.	120°C	120°C	120°C	120°C
Achievable Vacuum	-0.098MPa	-0.098MPa	-0.098MPa	-0.098MPa
Power Supply	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz
Net Weight	35kg	40kg	50kg	55kg
Dimensions (L×W×H)	400×650×1100 mm	400×650×1100 mm	600×450×1100 mm	600×480×1200 mm



Kintek Solution

Head Quarter: No.89 Science Avenue, High-Tech Zone,
Zhengzhou, China

