

Hermann

Laboratory Products



*Your professional manufacturing supplier
of Laboratory Products*

- MAGNETIC HOTPLATE STIRRERS
- OVERHEAD STIRRERS
- VORTEX MIXERS
- ROTATORS
- TUBE ROLLER
- SHAKERS
- HOMOGENIZERS

» Homogenizers |

Homogenizers are widely used in the fields of biotechnology, human and veterinary medicine, clinical medicine, a wide range of industries like pharmaceutical, cosmetics, food, petrochemistry, paint and lacquer, etc.

Los homogeneizadores son ampliamente utilizados en los campos de la biotecnología, medicina humana, veterinaria, medicina clínica y una amplia gama de industrias como farmacéutica, cosmética, alimentos, petroquímica, pintura y laca, entre otras.

HH-S-320

Handheld Homogenizer



Performance Highlights

- Easy to hold and light weight for one hand operation
- Sample Volume Range: 0.1-50 ml or 1-250ml
- Autoclavable 316 L stainless steel shafts, inert to aggressive solutions
- All shafts are interchangeable and easily removed for cleanup
- High speed motor. Speed control from 8,000 to 30,000 rpm

Características Destacadas

- Fácil de sostener y peso ligero para operación de mano
- Rango de volumen de la muestra: 0,1-50 ml o 1-250 ml
- Ejes de acero inoxidable 316 L autoclavables inertes a soluciones agresivas
- Todos los ejes son intercambiables y se pueden quitar fácilmente para su limpieza
- Motor de alta velocidad. Control de velocidad de 8.000 a 30.000 rpm

HH-S-1000

Homogenizer



Performance Highlights

- Viscosity up to 10,000 mPas
- 6 position speed control from 10,000 to 30,000 rpm
- Triple safety of the drive, overload protection and smooth start – against jerky work, safety switch
- 316L steel High quality dispersing tools as standard for better resistance to corrosion
- Quick change system of the dispersing tools for a short changing time between preparations

Características Destacadas

- Viscosidad hasta 10.000 mPas
- Control de velocidad de 6 posiciones de 10.000 a 30.000 rpm
- Triple seguridad del accionamiento, protección contra sobrecargas y arranque suave - contra trabajos bruscos, interruptor de seguridad
- Herramientas de dispersión de acero inoxidable 316L de alta calidad como estándar para una mejor resistencia a la corrosión
- Sistema de cambio rápido de las herramientas de dispersión

Specifications	HH-S-320	HH-S-1000
Voltage	100~240V,50/60Hz	100~240V,50/60Hz
Motor type	160 W	500 W
Speed range	8000 - 30000 rpm	10000 - 30000 rpm
Max. Circum. Speed	6.3 - 1.4 m/sec	22.7 - 36 m/sec
Speed Control Dial Knob	6 stage	6 stage
Working Volume (mL, H2O)	0.1 - 50 mL	10 - 40000 mL (optional)
Max. Viscosity	5,000 mPas	10,000 mPas
Material of dispersing shaft	316L stainless steel, PTFE	316L stainless steel, PTFE
Weighth	0.6 kg	1.3 kg
Dimension (LxWxH)	46x55x230 mm	70x70x255 mm
Noise	72 dB (A)	79 dB (A)
Protection class	IP21	IP21
Operating Environment	0-40°C, 85% rel. Humidity	0-40°C, 85% rel. Humidity

HH-S-320 - PACKAGE 1

HH-S-320 drive, Stand, shaft 5mm for solid/liquid media and volumes from , volumes from 0.1 - 50 ml

HH-S-320 - PACKAGE 2

HH-S-320 drive, Stand, shaft 10 mm for solid/liquid media and volumes from 1- 250 ml

HH-S-1000 - PACKAGE 1

HH-S-1000 drive, Stand, dispersing shaft 1 for solid and liquid media from 10-5000 ml

HH-S-1000 - PACKAGE 2

HH-S-1000 drive, Stand, dispersing shaft 2 for W/O or O/W emulsions from 10 - 5000 ml

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