

組織均質機 Homogenizer

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組織均質機系列 Homogenizer Series



HG-300



HG-300D

■ 用途：

- 所有範圍的破碎均質化、混合、分散微細化、乳
化、懸濁及化合反應。
- 生物學及醫藥學研究、皮膚組織、細胞的破碎、
細胞核分離、菌苗、酵素等。
- 天然及人工纖維、染料的處理。
- 纖維素、硬組織、紙、布等的細斷、破碎。
- 橡皮、樹脂、天然合成品的細斷及混合。
- 潤滑劑及其他油製品、水和油的混合及乳化。
- 接著劑、塗料、油墨、化妝品。

■ 特點：

- 不需攪拌乳化專用容器，能置入均質頭的容器皆
可使用。
- 同一裝置有10ml~3L不同組織均質頭選擇使用。
- 均質頭由有砍切力之固定外刃和鋸刀狀之回轉內
刃組成，共同產生機械破碎作用。

■ Applications：

- Widely use in homogenizing、blending、
dispersing、emulsifying、suspending and
combining various materials
- Biology and medicine research included skin
tissue, cell disruption, isolated nuclei, vaccines,
enzymes and so on.
- Processing of natural/artificial fibers and dyes
- Fine breaking and crushing of cellulose,
hard tissue, paper, cloth, and so on
- Fine breaking and blending the rubber, resin,
natural/artificial materials
- Mixing and emulsifying lubricants
Mixing and emulsifying other oil products
Mixing and emulsifying water and oil
- Adhesives, coatings, inks, cosmetics

■ Feature：

- No special containers, as long as the dispersing
element can be placed in.
- Different dispersing elements for purchasing
separately to deal with different capacities
from 10ml ~ 3L
- A mechanical crushing effect from the
composition of the fixed cutter and inner
cutter of the Dispersing element.

Model	HG-300	HG-300D
馬力 Motor	DC 250W	
轉速 Speed (rpm)	3000 ~ 26,000	
重量 Weight (kg)	7	
尺寸 Size (W x L x H mm)	200 x 315 x 500	
電源 Power	AC 220V, 50/60Hz	AC 110V/220V, 50/60Hz

◎組織均質頭需另行選購。Any dispersing elements need be purchased separately.

* 組織均質頭規格及尺寸請詳見 P69

Please refer P69 to The detailed spec. instructions of the dispersing elements.

組織均質頭 Dispersing Elements

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組織均質配件 Homogenizer Accessories



Model	Capacity (ml)	Dimension (mm)	Application
K-7S	10	Ø7 x 130	微量細胞組織之均質、乳化、混合 Applies to homogenize and mix small volumes of cell tissue
K-12S	250	Ø12 x 170	動、植物組織之破碎 懸浮物及乳劑之處理 乳化、混合、萃取等作用 Applies to disperse plant and animal tissue Applies to dispose suspensions and emulsions With homogenizing, mixing and extracting actions
K-20S	2000	Ø20 x 200	動、植物組織之破碎 懸浮物及乳劑之處理 乳化、混合、萃取等作用 Applies to disperse plant and animal tissue Applies to dispose suspensions and emulsions With homogenizing, mixing and extracting actions
K-30	3000	Ø30 x 250	有機與無機物之破碎 乳化、混合、萃取等作用 Applies to disperse organic and inorganic matter With homogenizing, mixing and extracting actions