

# HOMOGENIZER

## ALS-INS017



## DESCRIPTION

The HOMOGENIZER ALS-INS017 is smart hand held instruments for fast organization homogenous, separation, and emulsification. With different dispersing heads, it is appropriate for 0.5 250ml liquid sample, maximum speed is up to 35000rpm. Its working principle is making the sample circularly loop into a narrow space between the high speed and relative motion stator to shear and break the sample. E.g. tissue such as muscle, liver, etc. can be completely homogenization in 10 to 30 seconds. It is applied in various territories such as biopharmaceuticals, gene research, organization broken, cell slurring, clinicopathologic analysis, emulsions, nanometer materials scattering, polymerization reaction, cosmetics, ink & paint, fine chemical engineering, pesticides, environmental protection, and energy sources, etc.

## KEY FEATURES

- Designed smart and light.
- Can operate in one hand
- Speed adjustable
- Digital display speed
- Suitable for homogenous dispersion of a small amount of sample in small container
- High quality stainless steel dispersing head, anti-corrosion
- High-temperature resistance for the disinfecting.
- Easy to take off the dispersing head for cleaning
- High speed and highly efficient motor with long life
- 12 Months warranty

TECHNICAL SPECIFICATION	
<b>Model</b>	ALS-INS017H
<b>Power (input/output)</b>	230V/50/60Hz
<b>Rotor line speed</b>	160W/110W
<b>Rotor line speed</b>	6.3-14m/sec
<b>Net Weight</b>	0.7Kg
<b>Noise</b>	72dB(A)
<b>Speed control range</b>	8000-35000rpm(digital display)
<b>Dimension (mm)</b>	46x55230