



Homogenizers & Dispersers



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Iris offers laboratory homogenizers from handheld to high-speed homogenizer to provide a fast and stable process for high-quality results. A wide range of rotors is available for application flexibility to the highest laboratory requirements.

The stator type handheld homogenizer can be used by one hand in its entire homogenizing process with enough speed and power to emulsify, suspend, cut-up, and disrupt.

Handheld Homogenizer IH-1000 Series

The Handheld Homogenizer IH-1000 Series is Rotor / stator type handheld homogeniser. Operation can be finished by one hand. Enough speed and power to emulsify, suspend, cut-up, and disrupt.



- Rotor / stator type handheld homogenizer
- Rapid homogenization, dispersion, and emulsifying possible
- Operation with 0.1 – 50 ml or 1 – 125 ml volumes possible
- Suspended material is drawn into the core by a rotor with a speed of up to 30.000 rpm
- Material is repeatedly cycled through narrow slits, rapidly sheared and disintegrated via high speed mechanical action
- Complete homogenization of tissues in a few seconds
- Very low heat production
- Support rod for convenient placing optionally available

High Speed Homogenizer IH-2000

The High Speed Homogenizer IH-2000 is an easy to handle disperser which provides a fast and stable process for high quality result. A wide range of rotors is available for application flexibility to highest laboratory requirements.



- Simple and easy to handle
- Fast and stable process for high quality results
- Enough speed and power to emulsify, suspend, cut-up, and disrupt
- Rotor/Stator independence for maximum flexibility
- Wide range of rotors for application in various environments
- Overload protection

