ADVANCE SCIENCE

INNOVATION | PRECISION | PERFORMANCE

TISSUE HOMOGENIZER

MODEL NO. AS-TH-102

Advance Science Tissue Homogenizer is a high-performance laboratory homogenizer designed for efficient tissue disruption, homogenization, emulsification, dispersion and cell lysis. It provides precise speed control and stable operation, making it ideal for a wide range of research, clinical and industrial applications.



FRONT VIEW



BACK VIEW

WIDE SPEED RANGE 1000 – 102 RPM

EFFICIENT HOMOGENIZATION

PROGRAMMABLE OPERATION

LED DISPLAY

STABLE & RELIABLE

WIDE RANGE OF APPLICATIONS

TECHNICAL SPECIFICATIONS

Parameter	Specification
Display Type	LED
Speed Range	1000 - 102 RPM
Generator Probes Type	NA (if not supplied)
Generator Probes Length	NA (if not supplied)
Power Rating	500 Watt
No. of Generator Probes	NA (if not supplied)
Generator Probes Diameter	NA (if not supplied)
Power Supply	220 - 240V / 50 - 60 Hz
Operation Type	Electric Operated
Generator Probes Material	NA (if not supplied)
Sample Processing Range	0.05 ml – 3.5 L
Package Contents	Homogenizer, Stand, Clamp, Dispersing tool for Hard/Soft tissue
Touch Screen Display	No
Disposable Probes	NA
Programmable	Yes
Rotor Diameter	13.4 millimeter
Stator Diameter	18 millimeter

KEY FEATURES

- Wide speed range of 1000 – 102 RPM.
- LED display for accurate speed and time control.
- Programmable operation for repeatable results.
- High performance 500 Watt motor.
- Suitable for processing small to large sample volumes (0.05 ml – 3.5 L).
- Supplied with stand, clamp and dispersing tool for hard/soft tissue.
- Easy to operate and maintain.
- Stable and reliable performance.

APPLICATIONS

- Tissue Homogenization
- Cell Lysis
- Sample Preparation
- Pharmaceutical Research
- Biotechnology
- Food & Beverage Research
- Chemical Research
- Academic & Research Institutes

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