



Wolflabs

Wolf Laboratories Limited

www.wolflabs.co.uk

Tel: 01759 301142

Fax:01759 301143

sales@wolflabs.co.uk



If the literature below doesn't answer all your questions, click these links to:

[Request details on an alternative product of the same type](#)

[Request details on accessories](#)

[Request details on other product categories](#)





SONIFIER®
SLPe-150D
Digital Cell Disruptor

The new Branson **Sonifier® SLPe-150D** offers capabilities not available in other. This unit is capable of processing 90% of today's laboratory requirements. Sample sizes from as low as 0,1 ml to 50 ml can be effectively processed. The digital controls allow easy parameter entry, in-process monitoring of process data, and access to key data at the end of an experiment.

Software excludes inappropriate data entry and sounds an alarm, if the process moves outside set limits. This disruptor series will permit the traditional management of experiments and processes using time (1 second to 99 hours) and amplitude as primary variables.

The **SLPe Energy Mode Sonifier** includes the ability to control set parameters through the newer "total energy" approach (1 to 10,000 joules), offering advantages in process thermal management. Sonifier includes a large digital display; continuous or pulsed operation; and can manage total experiment time; with local or remote (p/c) control capability; and built-in tuning.

Includes the generator/power supply, converter, 1/8" microtip, all interconnects, and an I/O port for external control. The SLP unit comes complete and ready to run.

KEY FEATURES

- Digital parameter entry for precise, easy setup.
- Digital amplitude control allows for critical applications (ranges from 10% to 100% in 1% increments).
- Built-in auto tuning for optimum control in any application.
- Continuous or pulsed operation.
- LED readout displays parameter settings during setup and operation for easy reference and monitoring.

Cycle parameters provides storage of last-used cycle parameters even if the system is shut off or a power interruption occurs.

- Overall experiment timer.
- Local or remote (plc) control capability.
- Supplied tooling ideal for Eppendorf or Falcon style vessels.
- Meets CE standards.

SPECIFICATIONS

- Output power : 150 Watts
- Operating frequency : 40 kHz
- Input power : 230V/1N+PE
- Total processing time : 1 sec. to 99 hours
- Adjustable total energy : 1 to 10.000 joules
- Dimensions : 230 x 195 x 320 mm (HxWxD)*
- Weight : 8 kg

* Depth: excl. 76 mm cable clearance.

Description	Dimensions	Part No.
SLP SONIFIERS: Sonfier SLPe-150, 230V	mm (HxWxD)	230 x 195 x 320
MICROTIPS: 3/8" Microtip*	diameter	3/8" (2,4 mm)
1/8" Microtip*	diameter	1/8" (3,2 mm)
3/16" Microtip**	diameter	3/16" (4,8 mm)
1/4" Microtip**	diameter	1/4" (6,4 mm)
ACCESSORIES: Soundproof enclosure (also need to order adapter)	mm (LxWxH)	368 x 305 x 584
Soundproof adapter (for soundproof enclosure above)		101-063-275
4C15, 40 kHz converter		100-121-074
Open end wrench		101-135-126
Spanner wrench		201-118-010
Tool kit***		201-118-024
		101-063-176

* Requires one each of 201-118-010 open end wrench and 201-118-024 spanner wrench for removal from converter.

** Requires two 201-118-024 spanner wrenches for removal from converter.

*** Includes one 201-118-010 open end wrench and two 201-118-024 spanner wrenches.