

Detailed Specification

Smasher® XL Peristaltic Blender

1. Introduction

A high performance paddle blender that is ideal for large volume samples. The patented 'SMASH' effect (developed to avoid jams) is applied to crush samples prior to peristaltic homogenisation takes place, ensuring the resulting suspension is representative of the sample's microbial population.

2. Cleaning

Smasher® LX is easy to clean as the door and four paddles can be removed (without the need for tools) to facilitate access. A 250ml waste drawer enables easy cleaning should a leak occur.

3. Capacity

- Blending capacity >4kg
- 1 x 3.750g bag or 2 x 1.500g bags
- 1500 to 4000ml in blender bags

4. Size

Physical dimensions: 450 x 500 x 450mm (L x H x D).

Weight: 47kg

5. Speed

- Adjustable electronic timer: from 10 seconds to 3 minutes in continuous mode.
- Adjustable electronic speed: 70 to 300 RPM.

6. Safety

- Smasher XL will sense any sample that impedes the paddles and automatically return to its starting position, from where it will resume the task.
- All four paddles are automatically realigned if the door is opened or when the cycle has finished.
- When the door is opened, the paddles stop instantaneously.

7. Trolley

An optional, ergonomic, stainless steel trolley (700mm high) is available to facilitate loading/unloading and moving around the laboratory to where it is needed. The trolley has four wheels with brake mechanism and comes complete with a large volume waste bucket.