Microgen® Pulsifier II®
Cleaner samples…faster

www.microgenbioproducts.com
The revolution continues…

The launch of Pulsifier® in 2002 was a landmark in sample preparation. Previously, sample preparation was performed almost entirely by the use of paddle blender systems.

Pulsifier II® continues the story, utilising the same great features and performance but updated for better ease of use and maintenance.

- Pulsifier II® isn’t a paddle blender, it utilises a high frequency oscillating metal ring to beat the bag
- This creates intense mixing and shock waves in the medium
- This action forces bacteria off the food surfaces and out of interstitial spaces
- The objective is simple, Pulsifier II® drives bacteria into the medium without destroying the sample

Pulsified samples contain less suspended food debris, which means they are:

- Easier to filter
- Easier to pipette
- Cleaner, making them ideal for molecular, EIA, immunocapture and lateral flow methods
- Easier to read and interpret on both traditional plate count and Petrifilm methods due to the reduction in food particles
- Far less likely to allow the release of PCR inhibitors from food samples
- More accurate molecular testing results
- Can enable testing of a wider range of food matrices

In addition:

- The use of filter bags can be reduced dramatically
- Hard foods are easily processed
- Bag bursts are greatly reduced

Pulsifier is included in
ISO:7218:2007(E); Microbiology of food and animal feeding stuffs

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KEY FEATURES:

• New ergonomic design
• Easier to clean
• Quieter
• Easier maintenance
• Lightweight design offers flexibility on location and ease of cleaning
• Small footprint
• Simple two button timer control
• Service port allows quick change of metal beater ring if required
• Door opens fully to allow easy cleaning and disinfection
• Pause feature allows a pause in the process when the door is opened
Ordering Information:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUL200 - Pulsifier II® 230v ±10%/50-60Hz</td>
<td>Pulsifier II®</td>
<td>PUL512 Pulsifier II® Bags (500 bags/box)</td>
</tr>
<tr>
<td>PUL201 - Pulsifier II® 110v ±10%/50-60Hz</td>
<td>Pulsifier II®</td>
<td>PUL512 Pulsifier II® Bags (500 bags/box)</td>
</tr>
</tbody>
</table>

Technical Specifications:

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>Voltage</th>
<th>Adjustable Time Setting</th>
<th>Controls</th>
<th>Additional Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>L 460mm x W 320mm x H 320mm</td>
<td>10.7kg</td>
<td>PUL200 - 230v ±10%/50-60Hz, PUL201 - 110v ±10%/50-60Hz</td>
<td>15 or 30 seconds, Digital keypad with LCD display</td>
<td>Door activated process pause feature, Lightweight design, Easy clean waste chamber, Removable metal ring accessed by service port</td>
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If you need any further information on the Pulsifier II® please contact Microgen Bioproducts Ltd.

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