

MICROGEN  
BIOPRODUCTS



**Microgen® Pulsifier II®**  
**Cleaner samples... faster**

[www.microgenbioproducts.com](http://www.microgenbioproducts.com)

Part of the  
**NOVACYT**  
GROUP

# Microgen® Pulsifier II®

## 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**

#### 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:

Code	Description	Accessories
PUL200 - Pulsifier II® 230v ±10%/50-60Hz	Pulsifier II®	PUL512 Pulsifier II® Bags (500 bags/box)
PUL201 - Pulsifier II® 110v ±10%/50-60Hz	Pulsifier II®	PUL512 Pulsifier II® Bags (500 bags/box)

## Technical Specifications:

Dimensions	Weight	Voltage	Adjustable Time Setting	Controls	Additional Features
L 460mm x W 320mm x H 320mm	10.7kg	PUL200 - 230v ±10%/50-60Hz  PUL201 - 110v ±10%/50-60Hz	15 or 30 seconds	Digital keypad with LCD display	Door activated process pause feature  Lightweight design  Easy clean waste chamber  Removable metal ring accessed by service port

If you need any further information on the Pulsifier II® please contact Microgen Bioproducts Ltd.

**M I C R O G E N**  
B I O P R O D U C T S

### Microgen Bioproducts Ltd

1 Admiralty Way, Camberley, Surrey GU15 3DT, United Kingdom

T: +44 (0)1276 600 081 F: +44 (0)1276 600 151 E: sales.camberley@lab21.com

[www.microgenbioproducts.com](http://www.microgenbioproducts.com)

GMM-108-EN revision 2.

©2016 Novacyt Group of Companies. All other trademarks are the property of Novacyt and its subsidiaries. This information is presented as an example of the capabilities of Novacyt products. It is not intended to encourage use of these products in any manners that might infringe the intellectual property rights of others. Specifications, and details are subject to change. Not all products are available in all countries. Please consult your local sales representative for details.



Part of the  
**NOVACYT**  
G R O U P