

Allows compliance with:



MASTICATOR & MAXICATOR

Paddle Blender

Pharmaceutical | Food & Beverage | Environment | Cosmetics



Main benefits

Robust

Second to none in endurance, the Masticator's high quality spring system has proven to withstand the most challenging blending procedures.

Easy to clean

The Masticators are easily cleaned when fully removing their front door.

Masticator SWAP allows the removal of the paddles.

Wide application scope

Choose the model that fits your needs. Compatible with 80, 400, or 3500 ml bags.

Controlled blending time

From 15 seconds to continuous homogenization, set your preparation as it better fits your lab.



Product Overview

The Masticator is a laboratory paddle blender that carries out a profound homogenization in order to obtain a representative sample for food, cosmetics, pharmaceutical, and clinical quality control, while isolating them from any possible contamination.








The Masticator homogenizes samples inside sterile bags thanks to its paddles that drive a masticating action while moving the sample from side to side.

This key step in sample preparation ensures an homogenous distribution of microorganisms throughout the diluent.

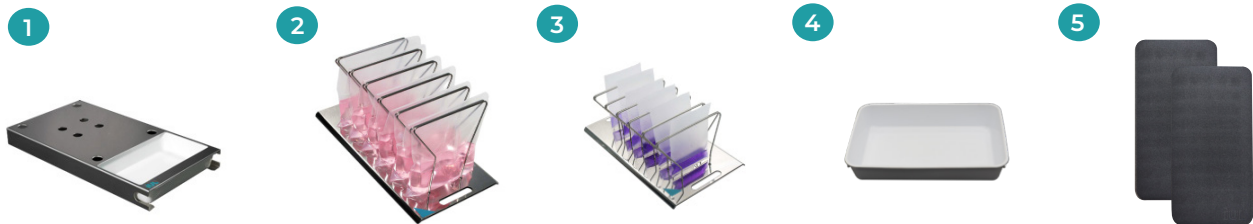
► Sterile disposable bags

The bags are sterilized with irradiation avoiding risk of cross-contamination.

The side of the bag is perfectly sealed, without soiling or contaminating any part of the sample. These bags are manufactured from extruded polymer tubes using high-grade, food quality polythene which brings unrivaled strength and endurance.





					
Compact	SWAP	Basic/Panoramic	Classic/Panoramic	Silver/Panoramic	
					
80 ml bags*	400 ml bags*		400 ml bags with filter*		3500 ml bags*
100 mm x 150 mm x 65 µ	180 mm x 300 mm x 65 µ		165 x 260 mm x 60 µ		380 mm x 500 mm x 65 µ
3.93 in x 5.90 in x 65 µ	7.08 in x 11.81 in x 65 µ		6.49 in x 10.23 in x 60 µ		14.96 in x 19.68 in x 65 µ
<small>*from 20 to 80 ml samples</small>	<small>*from 80 to 400 ml samples</small>		<small>*from 80 to 400 ml samples</small>		<small>*from 400 to 3500 ml samples</small>

► Accessories



1. Stand and tray for any 400 ml Masticator
Cat. 9000742
2. Stainless steel holder for six 400 ml bags
Cat. 90002300
3. Stainless steel holder for six 80 ml bags
Cat. 90002380
4. Plastic tray
Cat. 9000743 (Masticator)
Cat. 900011524 (Maxicator)
5. Slim paddles
(Masticator SWAP)
Cat. 900014325

Wide range for different uses

<p>INTEGRATED TIMER</p> <p>Between 15 seconds and continuous homogenization, set the appropriate blending time for each sample.</p> 	<p>PANORAMIC</p> <p>Follow the process as the homogenization is carried out.</p> <p><i>*Available in: Panoramic & SWAP</i></p> 	<p>STROKES</p> <p>Choose the number of strokes per second.</p> <p><i>*Available in: Masticator Silver, Silver Panoramic & Maxicator.</i></p> 	<p>LUMINOUS WARNING</p> <p>Luminous warning appears once the cycle finishes.</p> <p><i>*Available in: Masticator SWAP.</i></p> 
--	---	--	---

Workflow

- 

Introduce the sample into the sterile bag.
- 

Close the door leaving the top of the bag visible.
- 

Set the parameters and start the process closing the door.
- 

Pick up the bag with the homogenized sample ready to be analyzed.

How to automate the whole process



Smart Dilutor W - Gravimetric Dilutor

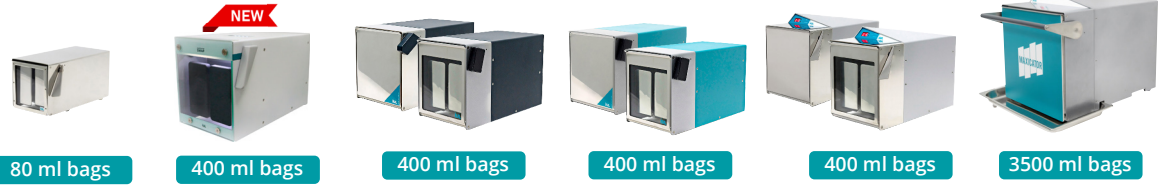
Get a full processing capacity and traceability in gravimetric dilutions or liquid dispensing.



Eddy Jet 2W - Spiral plater

Eddy Jet 2W spiral plater is used to reduce the number of plates processed, offering a threefold decimal dilution counting range in a single plate.

Technical specifications



Model	Compact	SWAP	Classic/ Panoramic	Basic/ Panoramic	Silver/ Panoramic	MAXICATOR
Strokes/sec	10	8.5 (50Hz) 10 (60Hz)	8.5 (50Hz) 10 (60Hz)	8.5 (50Hz) 10 (60Hz)	5-6-7-8	3-4-5-6
Setting	Digital Timer	Keyboard	Digital Timer	Digital Timer	Keyboard/Display	Keyboard/Display
Timer (seconds)	15/30/60/90/∞	15/30/60/∞	15/30/60/90/∞	15/30/60/∞	15/30/60/90/120/ 150/180/210/240/∞	15/30/60/90/120/ 150/180/210/240/∞
Luminous warning	-	During and after homogenization	-	-	-	-
Paddles & door	Stainless steel	Paddles: Polyamide Door: Glass	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Inner part	Stainless steel	Steel	Stainless steel	Steel	Stainless steel	Stainless steel
Dimensions (WxHxD)	16x15x30 cm 5.3x5.9x11.8 in	21.5x26x40.5 cm 8.5x10.2x15.9 in	24x26x40 cm 9.4x10.2x15.7 in	24x26x41 cm 9.4x10.2x15.7 in	24x29x40 cm 9.4x11.4x15.7 in	44x50x57 cm 17.3x19.7x22.4 in
Weight	7 kg / 15.4 lb	14.5 kg / 32 lb	17 kg / 37.5 lb	17 kg / 37.5 lb	20 kg / 44 lb	52.5 kg / 116 lb
No. of Paddles	2	2 (interchangeable)	2	2	2	4

Specifications subject to change without notice.

Order information

- Masticator Basic 400 ml.
 - Cat. 9000470 (220/240 V)
 - Cat. 9000471 (100/127 V)
- Masticator Basic Panoramic 400 ml.
 - Cat. 9000475 (220/240 V)
 - Cat. 9000477 (100/127 V)
- Masticator Classic 400 ml.
 - Cat. 9000400 (220/240 V)
 - Cat. 9000401 (100/127 V)
- Masticator Classic Panoramic 400 ml.
 - Cat. 9000500 (220/240 V)
 - Cat. 9000501 (100/127 V)
- Masticator Silver 400 ml.
 - Cat. 9000420 (220/230 V)
 - Cat. 9000421 (100 V)
 - Cat. 9000461 (100/120 V)
- Masticator Silver Panoramic 400 ml.
 - Cat. 9000520 (220/230 V)
 - Cat. 9000521 (100 V)
 - Cat. 9000522 (100/120 V)
- Masticator SWAP 400 ml.
 - Cat. 9000300 (220/240 V)
 - Cat. 9000301 (100/127 V)
- Masticator Compact 80 ml.
 - Cat. 900085 (220/230 V)
 - Cat. 900086 (100 V)
 - Cat. 900087 (100/120 V)
- MAXICATOR 3500 ml.
 - Cat. 90002400 (220/230 V)
 - Cat. 90002401 (100 V)



Distribuito da:
Zetalab s.r.l.

Via Umberto Giordano, 5 - 35132 Padova
Tel 049 2021144 - Fax 049 2021143
www.zetalab.it - email: info@zetalab.it

Zetalab.it