Jeanologia® e-Flow^{K} LINEUP

WATER IS OVER, AIR IS THE FUTURE

e-Flow Technology uses micronization to substitute traditional abrasion processes and delivers better performance chemistry (color, softeners, antimicrobial, etc.) using nano-bubbles of air instead of water.

Moreover, these e-Flow K series are the perfect complement to our SmartBox technology specially designed to work together achieving the best results.

#MISSIONZERO

Publication closing date: May 2023

e-Flow K Lab

e-Flow K

e-Flow K T

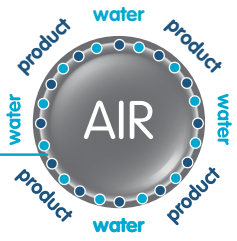
HOW E-FLOW WORKS?

1 E-FLOW REACTOR

In the e-Flow technology, product and water naturally distribute themselves forming nanobubbles.

2 NANOBUBBLE SKIN

The skin of the nanobubbles is a perfectly homogeneous mix between water and product.



3 MICRONIZATION

A controlled and accurate Flow of the nano-bubbles is micronized inside the Smart Box.

Smart Box Control panel

4 ACCURACY & REPRODUCIBILITY

Nanobubbles are responsible of transporting the chemicals to the garment.

Accuracy & Reproducibility

Jeanologia e-Flow K LINEUP

FEATURES

Process versatility
The 2 tanks of the e-Flow KT and e-Flow K Lab allows great process versatility and production flexibility.

Dosing system
Automatic digital dosing controler.

Cleanlinnes
Possibility to do scheduled automatic cleanings, even during a recipe.

ORION SOFTWARE

Orion is the operating system that controls all of Jeanologia's eco technologies allowing the connection between them and communication with the cloud to manage the recipes to be applied.

- SIMPLICITY
  Manual and automatic mode.
- CONNECTIVITY
  Cloud connection and data exchange.
- SCALABILITY
  Online transfer of formulation from lab to bulk, & bulk to bulk.
- PRODUCTIVITY
  e-Data to monitor and increase productivity. (Optional)
- RELIATIVITY
  Includes preventive and predictive maintenance.

DB420, HIGH SPEED WATER SAVING WASHING MACHINE

EFLOW AND SMARTBOXES ARE DESIGNED TO WORK PERFECTLY SYNCHRONIZED

Patented by Jeanologia, e-Flow is the only technology based on ultracavitation nanobubble flow generation.

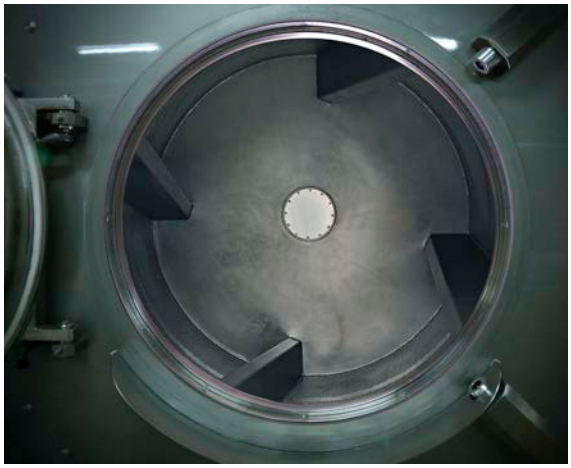
Micronization system
Combine rotation, (movement of the garments), and micronization as needed.

FIRST TECHNOLOGY IN THE WORLD TO WASH AND MICRONIZE 150 KG BATCHES

DANCING BEATERS

DB 420 has been specially designed to maximize load capacity and reproducibility for e-Flow nanobubble & conventional washing.

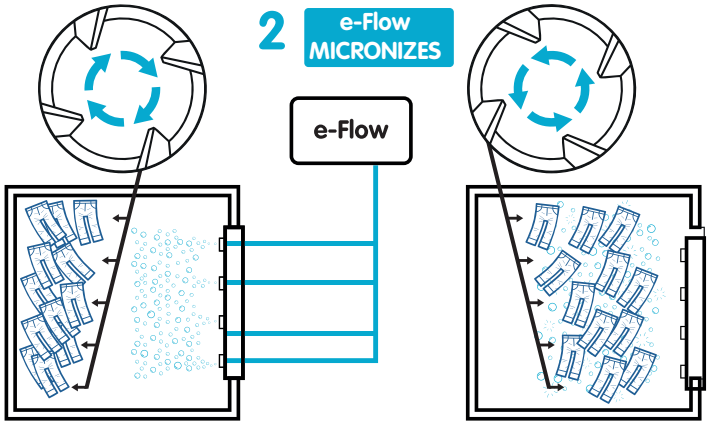
DANCING BEATERS PROVOQUES MORE AGRESSIVE MOVEMENT FOR MORE ABRASION ON GARMENTS



1 TUMBLER SPINS TO THE RIGHT
GARMENTS MOVE TO THE BACK TO LEAVE SPACE FOR THE NANOBUBBLES

2 e-Flow MICRONIZES

3 TUMBLER SPINS TO THE LEFT
GARMENTS MOVE TO THE FRONT AND MIX HOMOGENEOUSLY WITH THE NANOBUBBLES

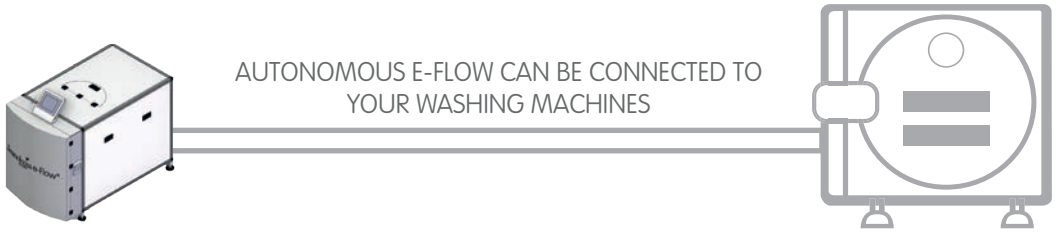


Jeanologia e-Flow^{K} LINEUP

TECHNICAL DATA

	e-Flow$^{K\ Lab}$	e-Flow^{K}	e-Flow$^{K\ T}$
Nanobubble Micronization	10^{6} bubbles/cm³	10^{6} bubbles/cm³	10^{6} bubbles/cm³
Tank Capacity	2 x 15 l	150 l	2 x 150 l
Flow Rate	6-20 l/h	30-250 l/h	30-250 l/h
Reactor Installed Power	1 kW	1,5 kW	1,5 kW
Bubble Generation	Ultracavitation	Ultracavitation	Ultracavitation
Dosing	Volumetric flow control (6-90 l/h)	-	Volumetric flow control (30-720 l/h)
Process Type	Nanobubble micronization Dosing All in	Nanobubble micronization All in	Nanobubble micronization Dosing All in
Height / Width / Depth	937 mm / 375 mm / 1205 mm	1050 mm / 800 mm / 1493 mm	1050 mm / 800 mm / 1993 mm
Weight	100 Kg	200 Kg	350 Kg
Smartbox Set Up	Mambo 18 & Mambo 60	DB420	DB420

AUTONOMOUS EFLOW K READY TO BE CONNECTED TO STANDARD WASHING MACHINES



e-Flow$^{K\ Lab}$

- TANK 15 L (x2)
- MICRONIZATION FLOW (6 - 20 l/h).
- ALL-IN DOSING

e-Flow^{K}

- TANK 150 L (x1)
- MICRONIZATION FLOW (30 - 250 l/h).
- ALL-IN DOSING

e-Flow^{K} + Kit Twin

- TANK 150 L (x1)
- MICRONIZATION FLOW (30 - 250 l/h).
- ALL-IN DOSING
- TANDEM MODE ON TWO WASHING MACHINES

THE BEST IN SERVICE

Jeanologia has a global presence with strategically located offices & technical service hubs ALL OVER THE WORLD.

YOUR MACHINES WORKING AT 100% CAPACITY ALL TIME

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