



GRAVIMETRIC DILUTOR MACHINE

KingGraviDilu

- ✓ Simple and effective operation.
- ✓ Precise and powerful peristaltic pump.
- ✓ Convenient and portable.
- ✓ User-friendly interface.
- ✓ Works well on unstable surfaces such as incubators or lab blender benches.

PURPOSE

KingGraviDilu | Gravimetric Dilutor Machine is a solution for laboratories that need to perform sample dilution based on sample mass. Therefore, mass-based dilution becomes more efficient and straightforward. It reduces the risk of sample contamination.

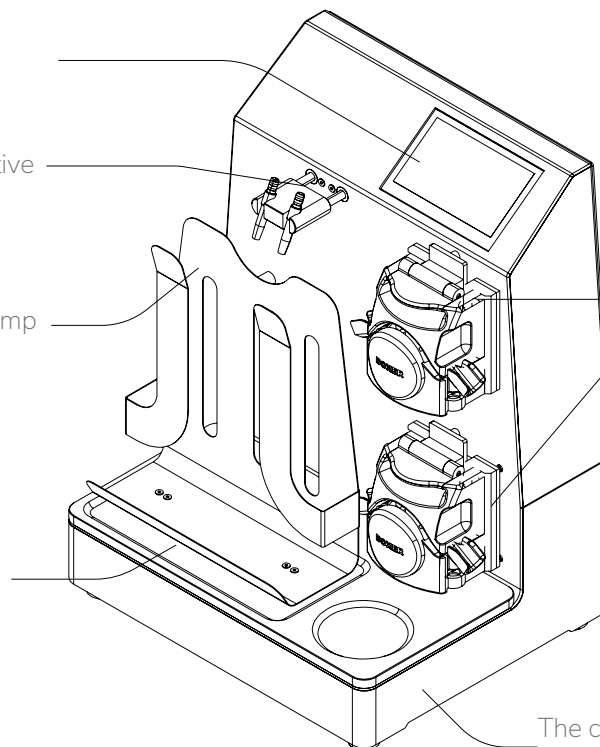
CONSTRUCTION

4.3-inch touchscreen display

Robotic arm and protective plate

Sample bag blender clamp

Removable drip tray



Pump - Made in Germany.

The casing is made of chemical-resistant stainless steel, making it easy to clean











SPECIFICATIONS

Model	KingGraviDilu
External dimensions (LxWxH)	L295 x W246 x H385mm
Dilution factor	1/2 to 1/9999
Material	Stainless steel
Weighing range	0,1 - 2500g
Max weight without support	3000g
Minimum weight required for dilutio	1g
Pump	2
Speed	300 RPM
Weighing accuracy	0,1g
Sample resolution	0,1g
Dilution resolution	0,1g
Dilution time for a 25g sample diluted to 1/10	~ 10 second
Accuracy (>5g)	99%
Dilution accuracy	99%
Calibration range (2 points)	0 và 100 - 2000
Input voltage	220/240V 50Hz
Power	70W

ACCESSORIES

1. Independent stand for ready-to-used bags
2. Bag blender
3. Bag blender rack



Products	Order Code	Description
 Bag blender	NovaBag 400	Blender bag, 400mL, 180x300 mm, 25 Bags/Pouches, Gamma-ray Sterile
 Bag blender Rack	KingRack 400	Bag blender rack allows the clean and orderly storage of bags during sample preparation.
 Closing clip	KingClip	KingClip is a temporary closing clip. It fits all types of bags.
 Independent stand for ready-to-used bags	KingStand	Independent stand for 2 eady-to-used bags
 Trocar	KingTrocar	Trocar for ready-to-used bags
 Nozzles (ø 3.2, 4.8, 6.4 mm)	KingNozzle-M	Material: Inox 304, suitable for various tubings sizes.
 Ống chìm (ø 3.2, 4.8, 6.4 mm)	KingTubeWeight-M	Material: Inox 304, suitable for various tubings sizes.
 Tubings (ø 3.2 mm)	KingTubing 3.2	The inner diameter of the tube is ø 3.2 mm with a wall thickness of 2.4 mm
 Tubings (ø 4.8 mm)	KingTubing 4.8	The inner diameter of the tube is ø 4.8 mm with a wall thickness of 2.4mm.
 Tubings (ø 6.4 mm)	KingTubing 6.4	The inner diameter of the tube is ø 6.4 mm with a wall thickness of 2.4mm.