

Diluter (Gravimetric Diluter)

Brand - BioGenix®

PRODUCT DESCRIPTION

BIOGENIX® Diluter is a gravimetric diluter instrument which is designed for automatic dilution of food testing samples with the necessary enrichment media to increase workflow efficiency. This instrument finds its application in pathogen and spoilage testing in food industry.



KEY FEATURES

3 modes of dispensing: –
Fast: Fast flow with lower accuracy –
Standard: Standard flow with standard accuracy –
Accurate: Slow flow with optimal accuracy

- Authorized weight: – Diluter: 3000 g – Diluter 2: 5000 g
- Robotic arm on Diluter 2
- Digital display/control panel
- Easy calibration
- Booster kit (an additional pump) available
- Monitoring software available

Diluter Instrument:

- Fixed dispensing arm
- Bag holder
- Removable drip tray
- Nozzle holder
- Tubing holder



Diluter 2 Instrument:

- Robotic arm
- Bag holder
- Removable drip tray
- Nozzle holder
- Protecting plate for nozzle
- Tubing holder

Technical Specifications:

Category	Diluter Instrument	Diluter 2 Instrument
Weighing range	0.1 g to 3,000 g	0.1 g to 5,000 g
Weighing accuracy	0 to 100 g: -J- 0.05 g 100 g to 3,000 g: a 0.1 %	0 to 100 g: -k 0.05 g 100g to 5,000 g: a 0.1 %
Minimum weight for dilution	5 g	
Minimum weight for distribution	5 g	
Minimal weight of the sample	1 g	
Maximum Authorised weight	3000g	5000g
Ideal functioning temperature for optimal accuracy of the weighing platform	-10 to 40 c	
Accuracy of the instrument from 1 to 100 g	0.05 g	
Accuracy of the instrument from 100 to 5,000 g	0.10%	
Dilution Factor	1/2 to 1/99	
Dilution time for a 375 g sample diluted at 1/10	<9 s	
Maximum weight without support 4,500g	4,500 g	7,000 g
Dilution accuracy > 98 %	>98%	> 99 %*
Dilution time for a 375 g sample diluted at 1/10	----	< 80 s**
Dispensing time for 90 mL	<7 s	
Dispensing time for 225 mL	<10 s	
Maximum Number of pumps	2 integrated	
Dispensing/ Distribution Mode	fast/ Standard / Accurate	
Traceability	printer/ monitoring software (Data export to in excel or office word)	
Exported Data	Sample weight/ dilution weight/ dilution accurat, total weight/ sampler no./ user name/ date/ time	
Connection	RS-232 connection output	
Weight	12 kg	
Dimension (width x depth x height)	37 x 44 x 38 cm	37 x 48 x 38 cm
Power Source	100 v to 240 v	50 to 60

BIOGENIX SYSTEMS PRIVATE LIMITED

S-10, Pankaj Central Plaza, Pocket-5, Plot no-5,
Sector-12, Dwarka, New Delhi-110075, INDIA

Email: sales@biogenixsystems.com |

Phone: +91-11-43738899 | 9990251155-99 | 9911717057

Website: www.biogenixsystems.com

Dealer Details