

DiluFlow[®]

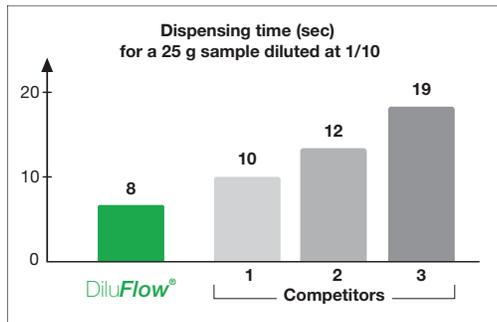
Gravimetric dilutors for solid samples



The best solution for your dilutions!

interscience

Unique features



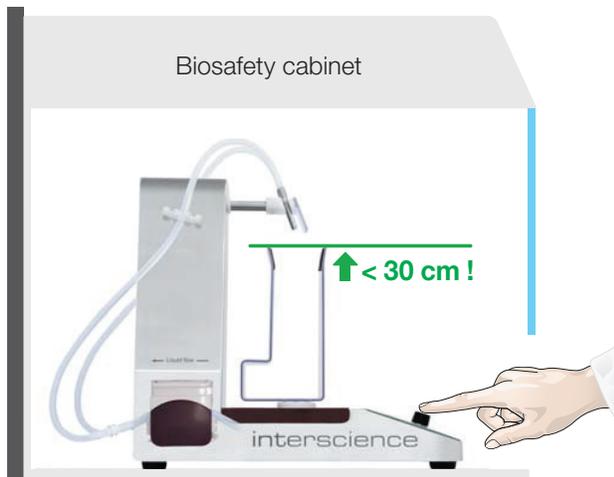
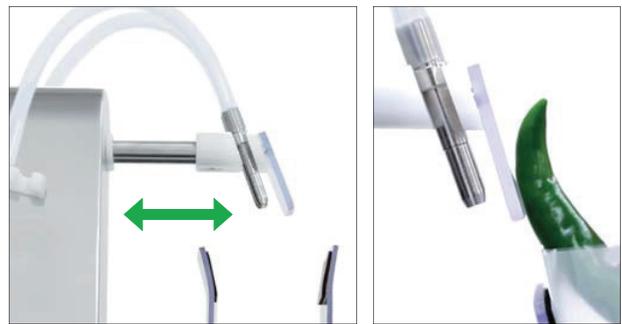
World's fastest dilutor:

With a booster kit, the DiluFlow® are the fastest dilutors on the market. Only 8 s⁽³⁾ to dispense 225 mL!

Robotic arm⁽²⁾ & nozzle protection plate

The robotic arm enables you to drop the sample safely and easily without contamination risks. Tested more than 1.3 million times, its reliability is guaranteed.

The protective plate protects the nozzle from any contact with the sample.



Ultra low profile

The DiluFlow® have the lowest bag opening on the market, less than 30 cm!

This allows a better comfort and ergonomics, especially when you use the DiluFlow in a biosafety cabinet.

GeckoGrip gripping system

Inspired by a gecko's paw, this new GeckoGrip material will hold the bag without pressing hard. GeckoGrip sticking properties apply in dry and wet surfaces.

GeckoGrip long lasting material can be washed with soap and alcohol.

PATENTED





LightCode

An intuitive indicator of the status of the DiluFlow®. The degree of accuracy of the finished dilution is displayed: green > 98 %, orange > 95 % or red < 95 %. It will also turn blue if the scale is not stable, thus telling you to wait for stabilization.



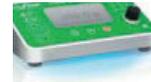
Green:
Accuracy > 98 %



Orange:
Accuracy > 95 %



Red:
Accuracy < 95 %



Blue:
Scale stabilizing

DripTray

In case culture media is spilled on the unit, the new patented DripTray can be removed to be rinsed, avoiding a tedious cleaning of the unit.

PATENTED



Multi-Dispensing⁽¹⁾

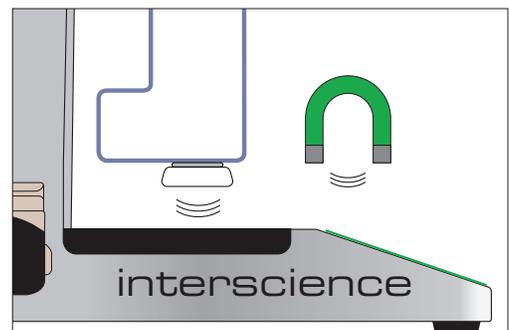
This unique patented mode allows you to serially dispense in small containers such as 9 mL tubes, without having to weigh each tube, by doing just one calibration on the scale.

PATENTED

Magnetic BagOpen®

The 2 points magnetic attachment of the BagOpen® guarantee a stable platform for better measuring accuracy, and provide a natural protection of the weight sensor when removing the bag.

PATENTED SHAPE



(1) Only on DiluFlow® Elite (2) Only on DiluFlow® Pro and DiluFlow® Elite (3) Dilution time for a 25 g sample diluted at 1/10 on a DiluFlow® Elite with booster kit

Multiple ways to use a DiluFlow®

☞ The lab operators like the low profile of the DiluFlow® platform ☞



New standards make it necessary to work under a laminar flow for the dilution work, and this can create operational problems.

Our lab operators like the ultra-low profile of the DiluFlow® platform because they do not need to bend themselves anymore to insert the sample in the bag.

My DiluFlow® can handle up to 5 000 g load if you add the Jumbo kit option, to dilute in large bags. It is useful because you do not need to buy an extra machine for large samples.

■ Brigitte, lab technician

☞ The DiluFlow® Elite, in the 1 kg version, has an accuracy of 0.01 g ☞



In the cosmetics industry, the raw materials cost a fortune, sometimes more than 10 000 euros per kilo ! That is why we only work with small amounts, usually 1 g.

The DiluFlow® Elite, in 1 kg version, has an accuracy of 0.01 g, which enables us to get $\pm 2\%$ weighing accuracy. Moreover we use the tongs platform option which are efficient pliers to hold our tubes, to directly place the tube under the liquid flow every time.

■ Dylan, lab manager

☞ Accurate, user-friendly and reliable... ☞



We analyze between 10 and 20 samples per day in our lab.

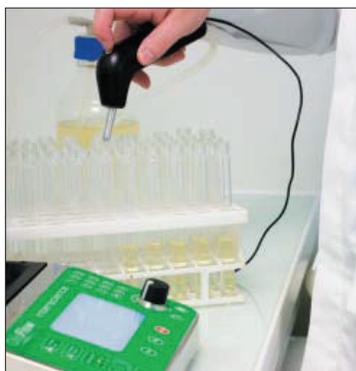
We looked at all dilutors on the market and most of them looked far too complex to use or too sophisticated.

We are now using a DiluFlow® which matches our requirements completely. The keyboard is really easy-to-use; only 2 keys to press for a dilution.

■ Alain, microbiological coordinator



☞ 3-in-1 equipment ☞



What I really like about my DiluFlow® Elite is the Multi-Dispensing function. I use it to fill 9 mL dilution tubes. Before that, I was using a peristaltic pump, but each time, I had to calibrate the pump with a weighing platform to get $\pm 2\%$ accuracy.

With the DiluFlow® Elite, you just put the first tube on the platform and the calibration is automatic. You can then directly distribute the doses in the tubes with the HandyGun, without having to weigh each tube. It is as if I had 3-in-1 equipment: a peristaltic pump, a scale and a dilutor!



■ Dominique, quality control engineer

