

FACT SHEET

DILUMAT® GRAVIMETRIC DILUTERS

The Dilumat® range saves time and money by automating the laborious process of making and standardising the initial sample dilution. Simply place a random amount of sample in a stomacher bag; the Dilumat will weigh the sample and add the correct amount of diluent to achieve your pre-set dilution. Now with a small, compact footprint and the ability to prepare samples up to 7kg with a high degree of accuracy.



Features and Benefits

- No need to spend time and effort weighing out exact amounts of sample – speeds up the whole process. Weighing stabilisation in only 0.1 seconds.
- From one to 6 pumps can be connected, depending on the model so you can work with up to 6 diluents at once.
- No need for diluent blanks – a saving in time, consumables and media preparation.
- The user interface is housed in a separate, colour touchscreen unit so is protected from spillages – especially if you order the control unit arm (“heads-up display”).
- The dispensing arm rotates automatically to the stomacher bag or vessel then rotates away from the sample preparation area. This helps to maintain a sterile system by reducing the chance of accidental contact with the dispense nozzle and provides more room to work.
- With a capacity of up to 7kg (sample + diluent) you can use a larger amount of sample, providing additional flexibility and increased sensitivity.
- No inaccuracies due to incomplete sample volume – the diluent will not be added until sufficient sample has been included for the required dilution.
- Large bore, high quality, long-life tubing to accommodate a greater amount of diluent in a shorter time. This speeds up the process whilst retaining a high degree of accuracy.
- The expert EVO model provides auto-start, hands-free operation for dilution.
- Can connect to your LIMS or operate as a stand-alone unit.
- Optional fully comprehensive maintenance and breakdown contracts are available to prolong the life of your investment. (Note: different arrangements apply in different countries).

Facts and Figures

Weight: from 11.6 kg to 14 kg (depending on model and number of pumps)

Dimensions: (W x H x D) START- 320 x 440 x 330mm or EVO - 380 x 440 x 330mm

Electricity Requirements: 230 ± 10% V AC + 115 ± 10% V AC - single phase