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Sample Preparation Dilumat 4 Gravimetric Diluter



**A range of equipment
designed to streamline
sample preparation – giving
microbiologists the
necessary time to assess
results rather than record
sample weights**

Faster and more automated than the Dilumat 3, the Dilumat 4 is microprocessor-controlled and has a load cell and one or two pumps for dilution/pouring up to two different kinds of diluent.

The easy to use pumps dispense diluent 30% faster than the Dilumat 3. It has an automatic arm which drops down to the stomacher bag or vessel when the machine is ready to dispense.

The unit is programmable using the user-friendly menu and the LCD displays parameters such as sample weight and dilution factor as well as the programme menus.

It can be linked to a printer to print out the sample parameters.

A separate tower can be added to allow up to four pump heads to be utilised for four different diluents – known as a Dilumat 4x4. Also a turbo unit can be added to the standard Dilumat 4 to make a Dilumat 4 Turbo.

The Dilumat 4 has the ability to read sample bar codes.

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Standard Features

Optional barcode reader for sample, diluent and operator identification
Sturdy, splash-proof, ergonomically-designed epoxy body-frame
Curved design for easy cleaning
Automatic selection of pump and diluent in accordance with selected dilution programme
Self-regulating weighing system featuring dry alarm
Self-regulating dilution system featuring incoming warning message system
Automatic stop when diluent has run out
Sturdy, one-piece cast aluminium frame for improved reading reliability

Options

So1935 Additional pump head (including 2 tubing sets)
So1708 Epson 80 column printer
So1984 Twin pump head turbo kit
So1985 Pump option
So1933 Network board for Labmaster connection

Accessories

So1859 Labels for Star printer (24 sheets of 25 labels)
So1778 80 Column printer labels (1,200 labels)
So1975 Complete tubing set
So1743 Blender bag holder/opener (complete assembly)
So1732 Blender bag holder/opener (holder only)
So1156 2 litre reservoir
So1157 5 litre reservoir
So1741 Rack to hold 10 blender bags (acrylic)
So1779 Puradisc filter 0.2 μ (single)
So0388 Adhesive pads for blending bags (pack of 50)
So1976 Tubing set without nozzles
So1977 Pre-cut pump tubing (pack of 5)
So1982 Dilumat 4 Turbo Tubing Set without nozzles
So1983 Dilumat 4 Turbo Pre-cut Tubing (pack of 5)
M30035 Silicone tubing (per metre)
Bo0199 Bag closing clips (pack of 50)

Specification

Order Code: So1910
Instrument Size (mm): 500 x 500 x 500 (w x d x h) – bag holder attached
Instrument Weight: 12kg
Packaged Size (mm): 410 x 540 x 570 (w x d x h) – bag holder not attached
Packaged Weight: 16kg
Power supply – 230V - 50/60Hz \pm 10%
Operating temperature – 5 to 40°C
Dilution time – 10-15 seconds for 250g
Minimum sample weight – 1g
Maximum weight – 1,500g
Accuracy – 0.1g of sample weight

In the interests of a policy of continuous product improvement the company reserves the right to alter product specifications without prior notice. All rights reserved.
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