

# BIOTECH Volumetric Precision Dispenser EMD1000



Volumetric dispenser for large flows with a programmable volume from 10 to 1100 ml.

# Biotech introduces a unique volumetric precision dispenser for aggressive liquids and solvents.

The dispenser has a programmable volume in an interval of 10 to 1100 ml and can be repeated to pump several liters in portions. It can also be used for instance to repeatedly fill vessels.

All parts in liquid contact are corrosion resistant, allowing handling of aggressive liquids and solvents. It is also available for dilution purposes with extra valves.

The process is easy to operate via touch panel. No PC is needed. Just type in the desired volume in ml and the dispenser will withdraw the volume from the container and dispense it from the outlet.

Different liquids will need different withdrawal and infusion (dispensing) speeds which is easily changed through the panel.

Exact dosage of liquid volumes is in the range of < 10 – 1100 ml. The set volume can be repeated, thus it is also possible to dispense for instance 999 x 1100 ml.

Standard deviation less than 0.02.

Volume accuracy and precision: fault < 0.5 ml in the interval 30 – 300 ml and in the interval 300 – 1100 ml < 0.4%.

The concept can be made in other configurations, such as compact models with shorter but broader cylinders, when a slightly less accurate delivery is acceptable. Lower volume ranges, e.g., 500 ml are also available.

Instead of a stand, it may also be mounted on a stainless lab trolley or with the lower part under a table.



Easy to operate via touch panel. No PC is needed.

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- The set volume can be repeated, thus it is also possible to dispense for instance 999 x 1100 ml.
- Standard deviation less than 0.02.
- Volume accuracy and precision; fault < 0.5 ml in the interval 30 – 300 ml and in the interval 300 – 1100 ml < 0.4%.
- Easy to operate via touch panel. No computer needed.
- Corrosion resistant, no liquid contact with metals.
- Can handle aggressive liquids and solvents.
- It may also be mounted on a stainless lab trolley.
- Also available for dilution purposes with extra valves.
- Outstanding life time.
- Powered by 24 VDC, power supply included.

