

GMS BIOLAB 360 EPUMP

Automated pumping module for precise liquid dispensing.



GEMESIS



KEY FEATURES

- Dual pump and head module
- Precise volumetric management
- Peristaltic pumping
- No contact between pump and liquid

01 - Executive Summary

The **ePump** is an automated pumping module designed for precise liquid transfer and dispensing.

It uses peristaltic pumps and step-motor control for accurate volumetric management.

The module includes a dispensing needle and stationary pump unit.

03 - Key Technical Specifications

Flow range	0.1–16 mL/min
Pump technology	Peristaltic
Pump configuration	Up to 4 pump heads
Volume control	Step motor
Dispensing	Embedded needle
Pipe diameter	Ø2 / 4 mm

05 - Physical Characteristics

50 mm width head

170 × 70 × 70 mm stationary pump unit

02 - Applications

Application 1	Precise reagent filling
Application 2	Cleaning or inerting
Application 3	Liquid transfer
Application 4	Automated dispensing

04 - OPTIONS

Other flow rates
Other pipe diameters
Custom dispensing configurations

06 - Key Advantages

- Precise volumetric management
- Peristaltic pumping
- No contact with the liquid
- Dual pump configuration
- Easy integration into automated processes
- Low cost unit for medium and big volumes dispensing with medium accuracy

Website: www.gemesis.eu

Email: contact@gemesis.eu

Phone: + 33 9 78 81 14 50

Location: 3 Rue de la Perlerie
69120 Vaulx-en-Velin

