



custom

laboratory reactor
system

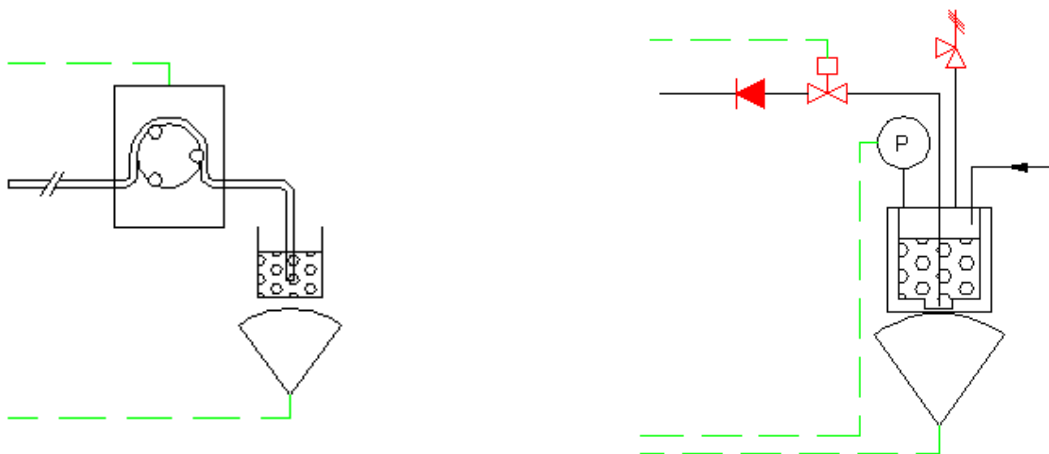
liquid

volumetric and gravimetric
addition

Gravimetric Liquid Feed Systems

Range Overview

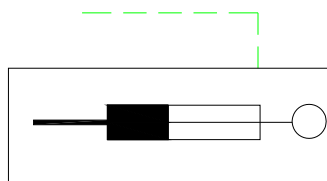
- Combine a pump and balance for accurate mass-based dosing of liquids at ambient temperature
- Range of pumps and balance to suit all applications:
 - operate at pressures from vacuum up to 200 bar
 - flow rates from 1 $\mu\text{l}/\text{min}$ up to 2L/min
 - all PTFE flow paths available for aggressive media
- Protected via in-line valve from back-feed
- Automated control via Atlas PC software, can program addition profiles, pause addition on exotherm detection etc.



Volumetric Liquid Feed Systems

Range Overview

- Use a piston-based pump for accurate volume-based dosing of liquids at ambient temperature
- Range of pumps suit all applications:
 - operate at pressures from vacuum up to 200 bar
 - flow rates from 1 $\mu\text{l}/\text{min}$ up to 2L/min
 - all PTFE flow paths available for aggressive media
- Automated control via Atlas PC software
- Range of stand-alone control options from Atlas syringe pump including pH control and temperature-limited additions



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