

Pneumatic dosing



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bürkert
FLUID CONTROL SYSTEMS

- **reliable repeatability**
- **easy integration**
- **customer specific dosing volume**
- **wetted parts single use**

Dose as you please!

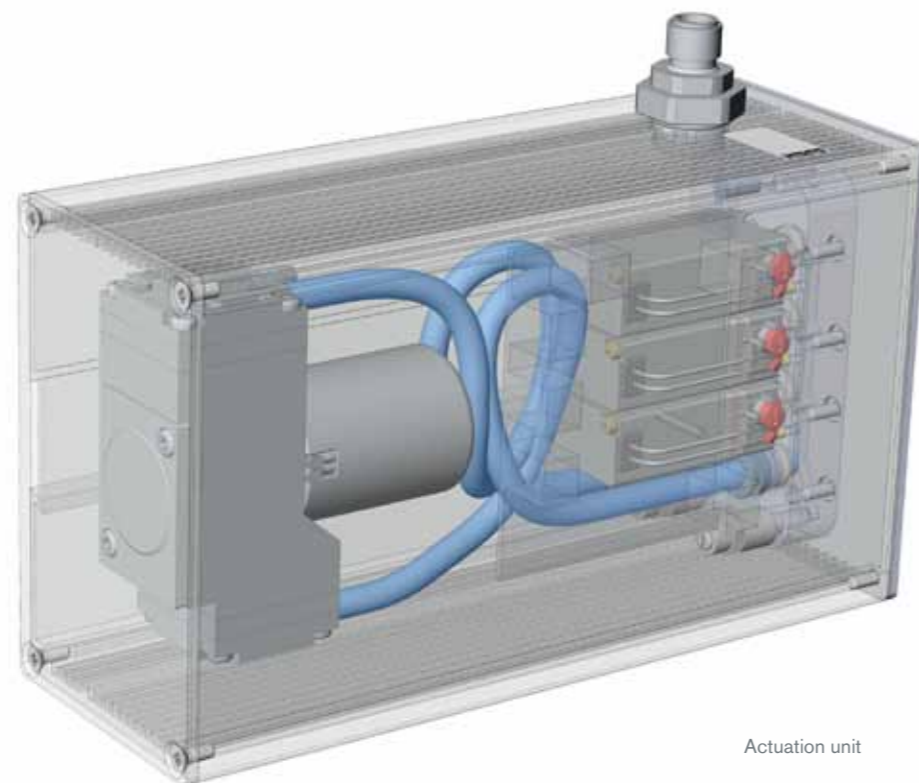
Applied and effortless simplicity of Bürkert products have always been something to rely on — now we have added pure flexibility to the list of standards you can expect. The unique Pneumatic Dosing unit from Bürkert — ultra-precision and repeatability of fluid dosing come together with a flexible, customisable design giving you precisely the results that matter to you. Whether your world is dosing pharma media or syrup, vaccines or coffee flavours — wide ranging performance just met your changing needs.

Features you can rely on:

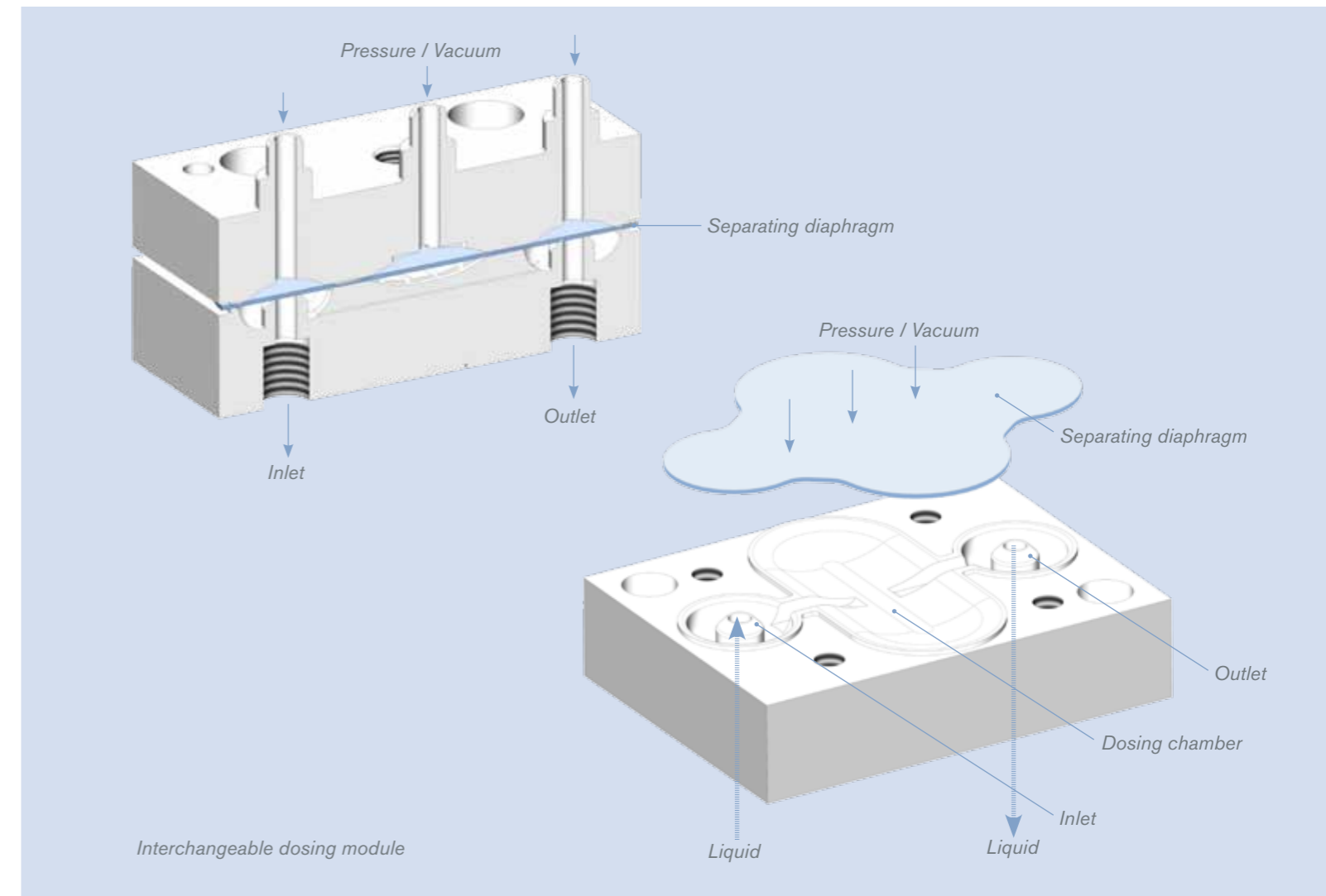
- Defined volumes with high precision and repeatability up to +/- 2%
- Dosing accuracy independent of temperature
- Highly integrateable technology
- Media separation with high quality materials
- Single-Use wetted parts
- Easy to use robust system and less maintenance

Your customisation options:

- Variable dosing volume to fit your application
- Different materials to fit your needs
- With or without internal pressure supply to fit your device
- Flexible design to fit your package



Actuation unit



Interchangeable dosing module

Technical Details

Dosing quantity	100µ...500µ per stroke (stroke volume variation requires dosing chamber swap out; other chamber sizes on request)
Viscosity	1...250mP*s (higher viscosity on request)
Media temperature	+5°...+55°C
Materials	PEEK/FKM or PP/FKM (more variants on request)
Fluid Connections	G1/8 (M5, Subbase or tube connection)
Characteristics	<ul style="list-style-type: none"> - bi-directional dosing - low internal volume - self priming - repeatability over the complete temperature range
Applications	<ul style="list-style-type: none"> - agent dosing - vaccine dosing - flavour dosing