

Microdosing with P2CS, Fluid Switch and Perfusion Head



UP TO 16 CHANNELS - FOR MIXING, STOPPING OR DROPLET
FORMATION

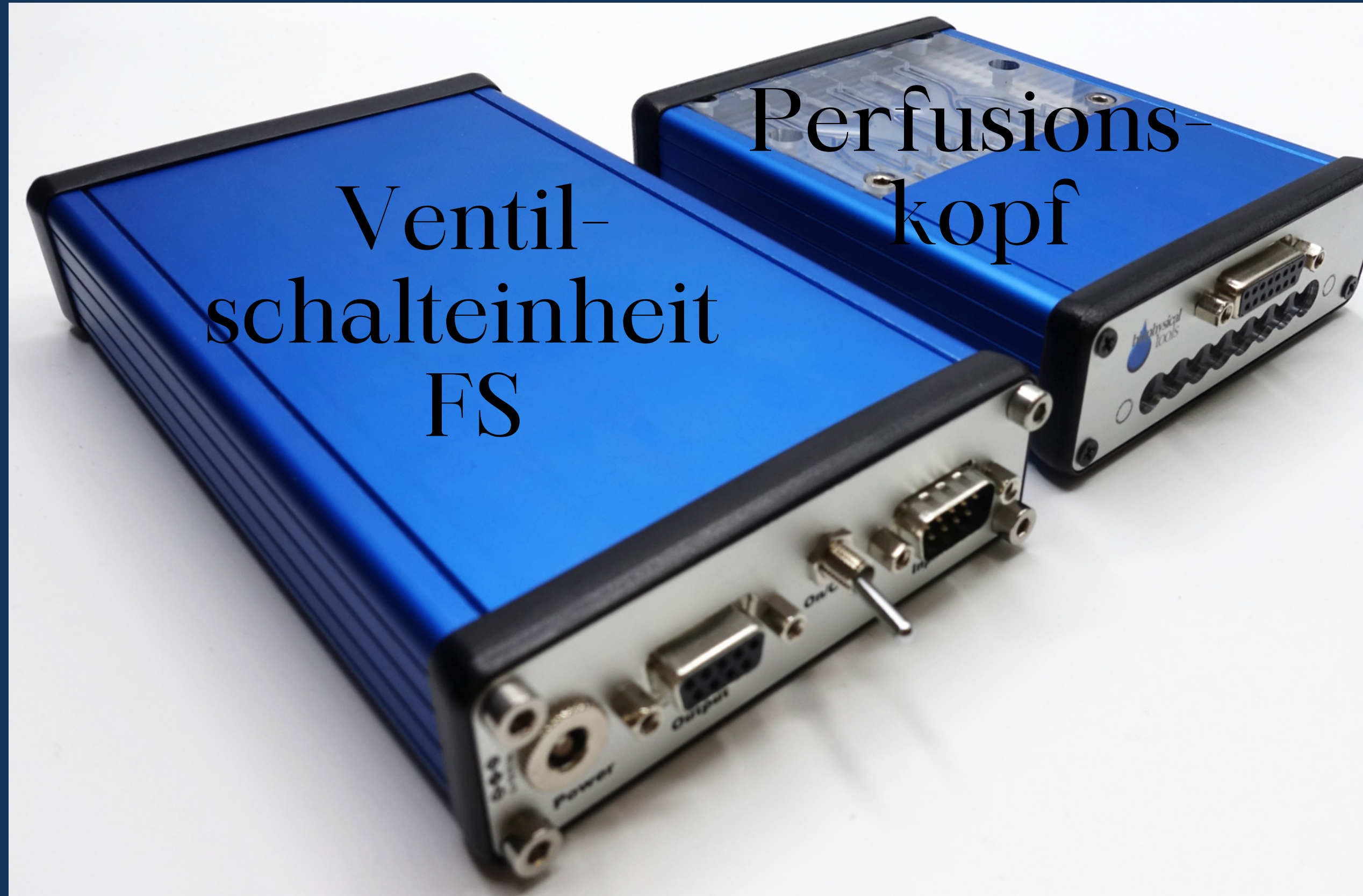
Pressure controller P2CS

regulates the
pressure in
the setup

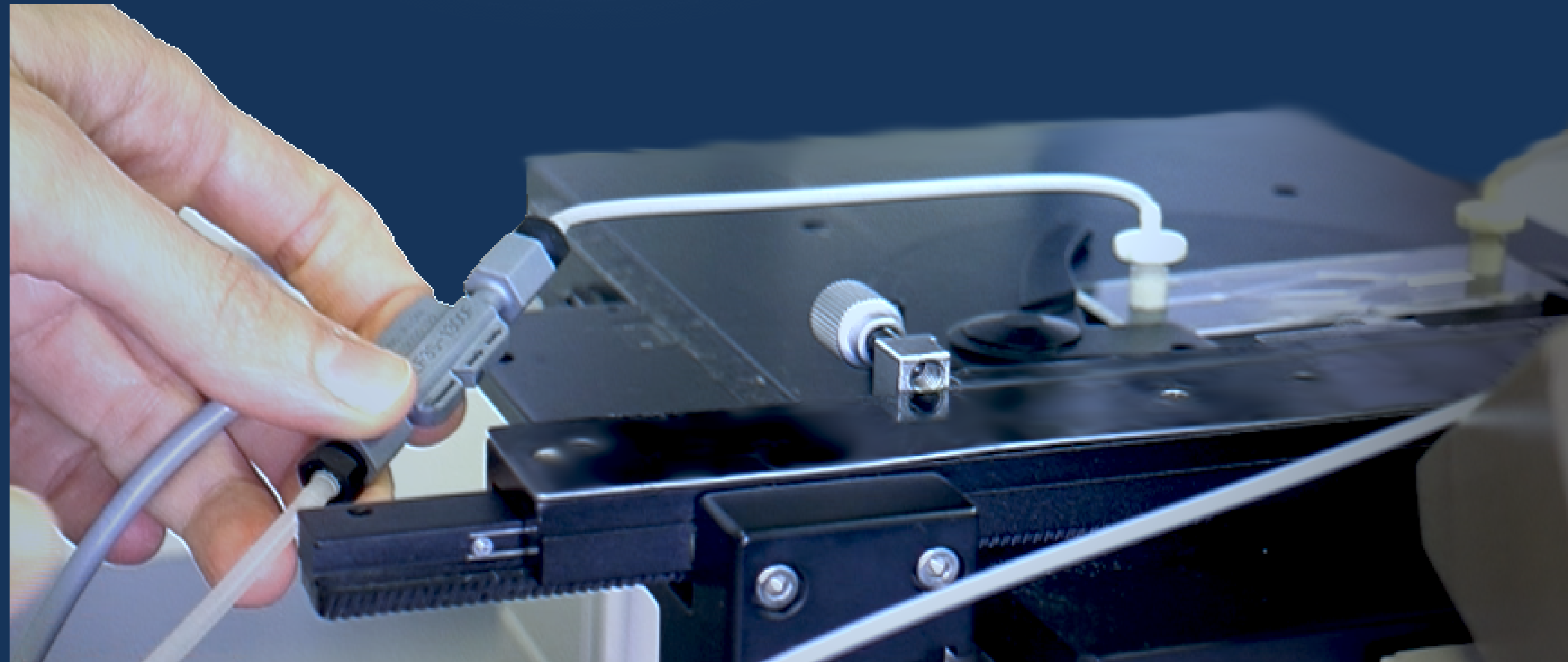


Valve
switching
unit FS and
perfusion
head

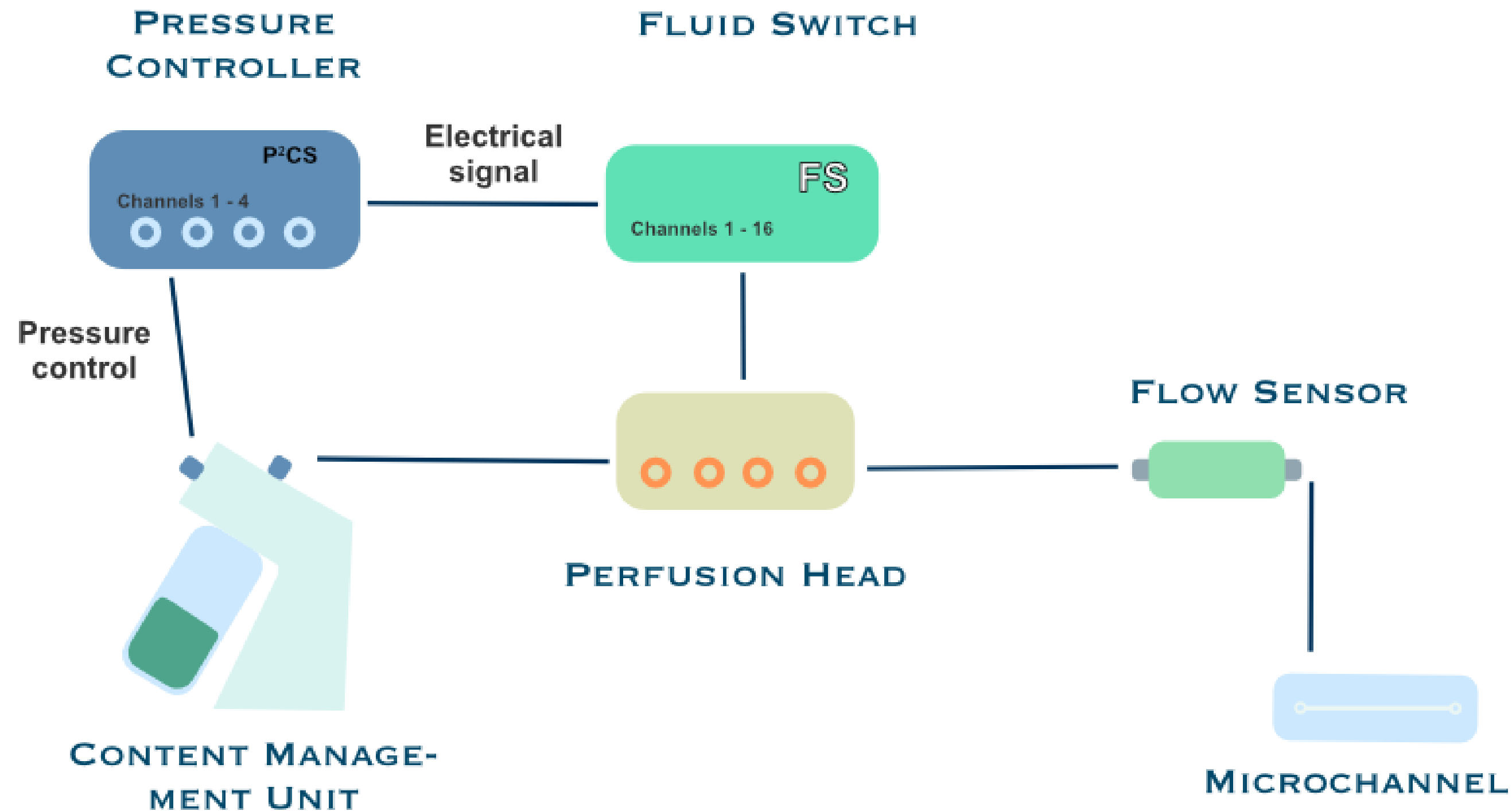
for switching
valves and
mixing
liquids



Flow sensor –
measures the
flow rate



Several
modules
controllable
from one
P2CS
pressure
controller



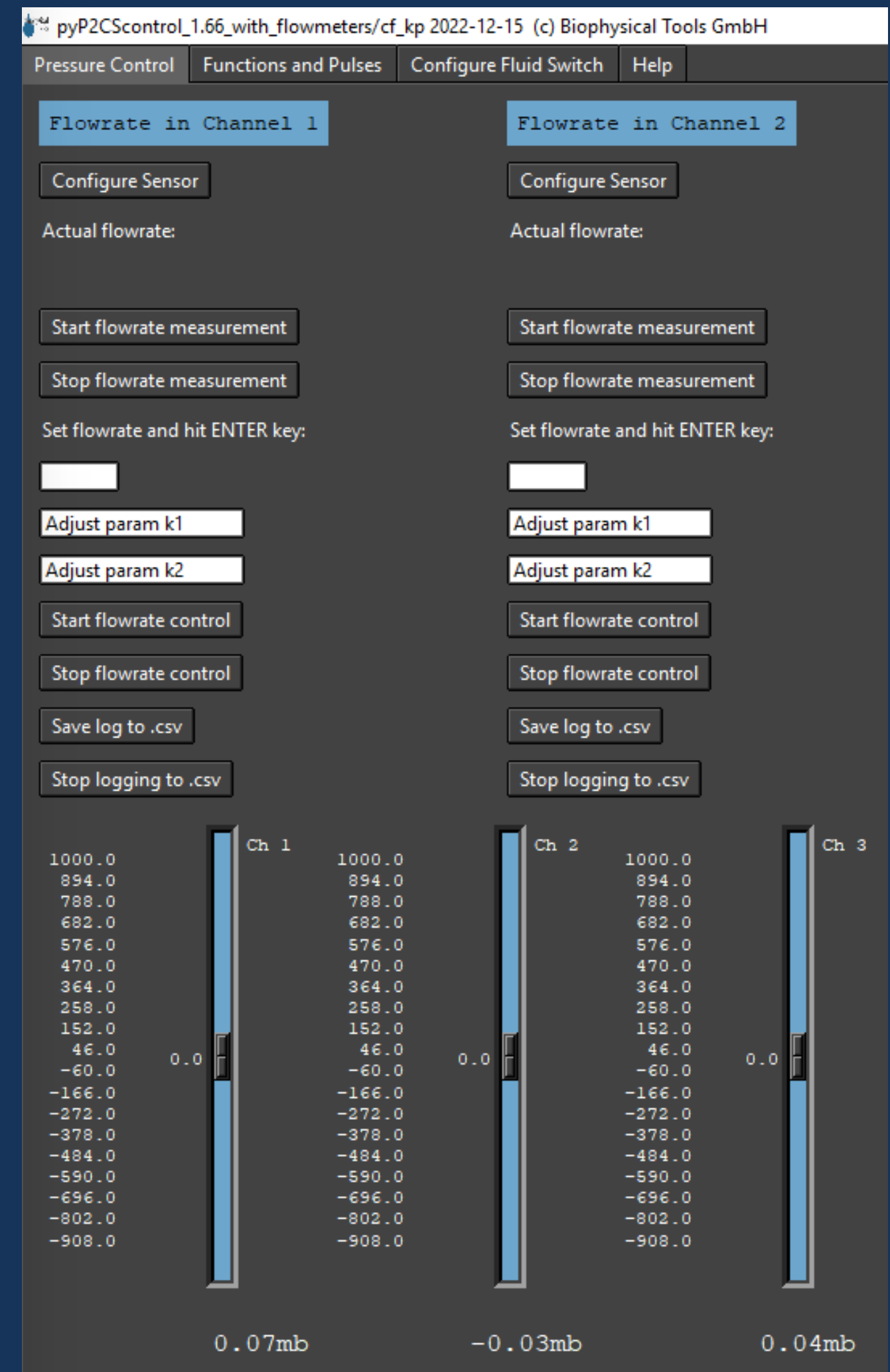
Control of all
modules via one
user interface

Control either:

- Flow rate

or

- Pressure



Dose the required amount
of liquid
and
close valves via the same
user interface

- A protocol can be used to automate the work.

State Generator

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Number	Mode	Channel 1	Channel 2	Channel 3	Channel 4	Fluid Switch	Duration	Status
1	<div><div></div><div>▼</div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div><div>⚙</div></div>	<div></div>	
2	<div><div></div><div>▼</div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div><div>⚙</div></div>	<div></div>	
3	<div><div></div><div>▼</div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div><div>⚙</div></div>	<div></div>	
4	<div><div></div><div>▼</div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div><div>⚙</div></div>	<div></div>	
5	<div><div></div><div>▼</div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div><div>⚙</div></div>	<div></div>	
6	<div><div></div><div>▼</div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div><div>⚙</div></div>	<div></div>	
7	<div><div></div><div>▼</div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div><div>⚙</div></div>	<div></div>	

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If you are planning to
automate any of your
experiments,

let's talk:

contact@biophysical-tools.de

