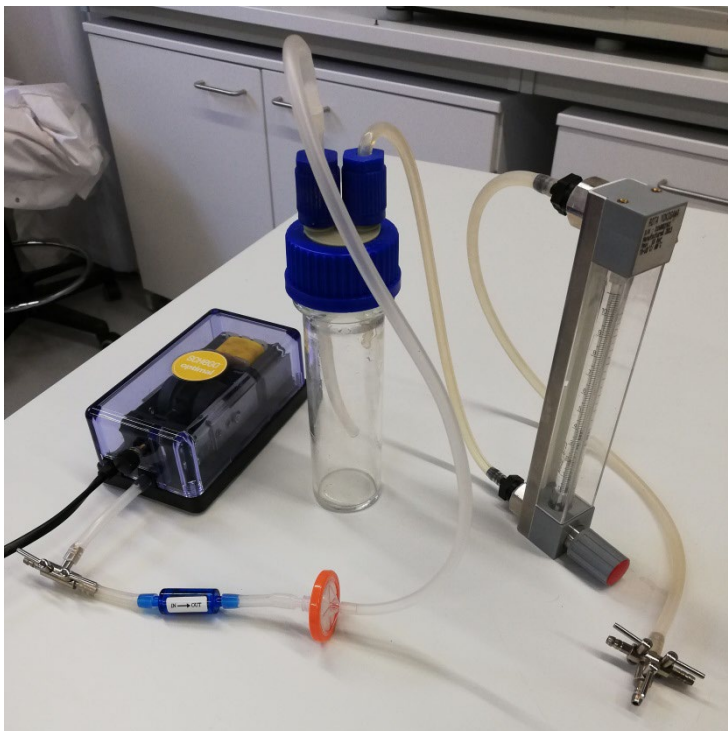


Gas supply (openPBR)

The gas supply system of the openPBR provides the setup with controllable gas flow up to 250 l/h. Chaotic mixing of the culture is solely provided by the gas pressure. The gas pressure can be regulated by rotameters. A magnet valve is turning off the gas supply while measuring the OD.



Pricelist:

- 1x 5 Watt Gas pump 250 l/h, 19,99 Euro

https://www.amazon.de/dp/B004PGVHCA/ref=twister_B01CHWCMY0?_encoding=UTF8&psc=1

- 3x Rotameter 1-5l/h 11,66 Euro

https://www.amazon.de/Acryl-Luft-Sauerstoffgas-Durchflussmesser-Regelventil-Messung-Regelung-Gasdurchflusses/dp/B07WNWKV37/ref=sr_1_1?_mk_de_DE=%C3%85M%C3%85%C5%BD%C3%95%C3%91&keywords=rotameter+luft&qid=1571527908&s=diy&sr=1-1

- x2 Gas valve stainless steel, 2,49 Euro

<https://www.gispo.de/Luftventil-METALL-mit-2-stufenlos-regelbare-Abgaenge-Anschluss-4mm>

- Magnet Valve 12 V DC 10,49

https://www.amazon.de/Kunststoff-Magnetventil-Wasser-Normalerweise-geschlossen/dp/B019W349HU/ref=sr_1_1?ie=UTF8&qid=1547647761&sr=8-1&keywords=6mm+magnetventil

Total: 70,49 Euro