

## QX2-SD

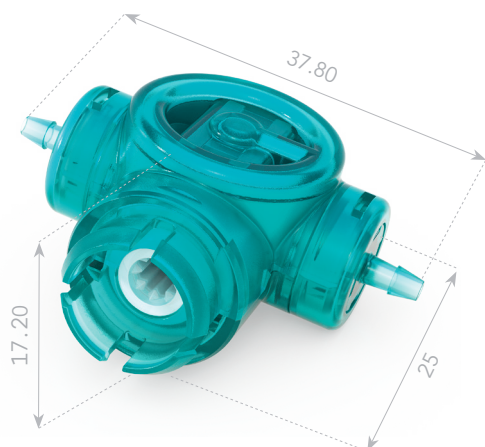
The 6mm rotor carries 3 cavities each with a volume of 24µl. This in-line pump features hose barbed connectors to attach tubing to the inlet and outlet. Pump is driven by a stepper or DC motor at a maximum operating speed of 10rps.

Alternatively, Quantex can provide a unique connector to suit the customers system.

The pump can be used in the food, beverage, consumer and industrial markets. The pump is available for evaluation only in the medical and biopharma markets.

The pump is available in one variants.

**SD** – A standard pressure, bi-directional, in-line pump with self priming

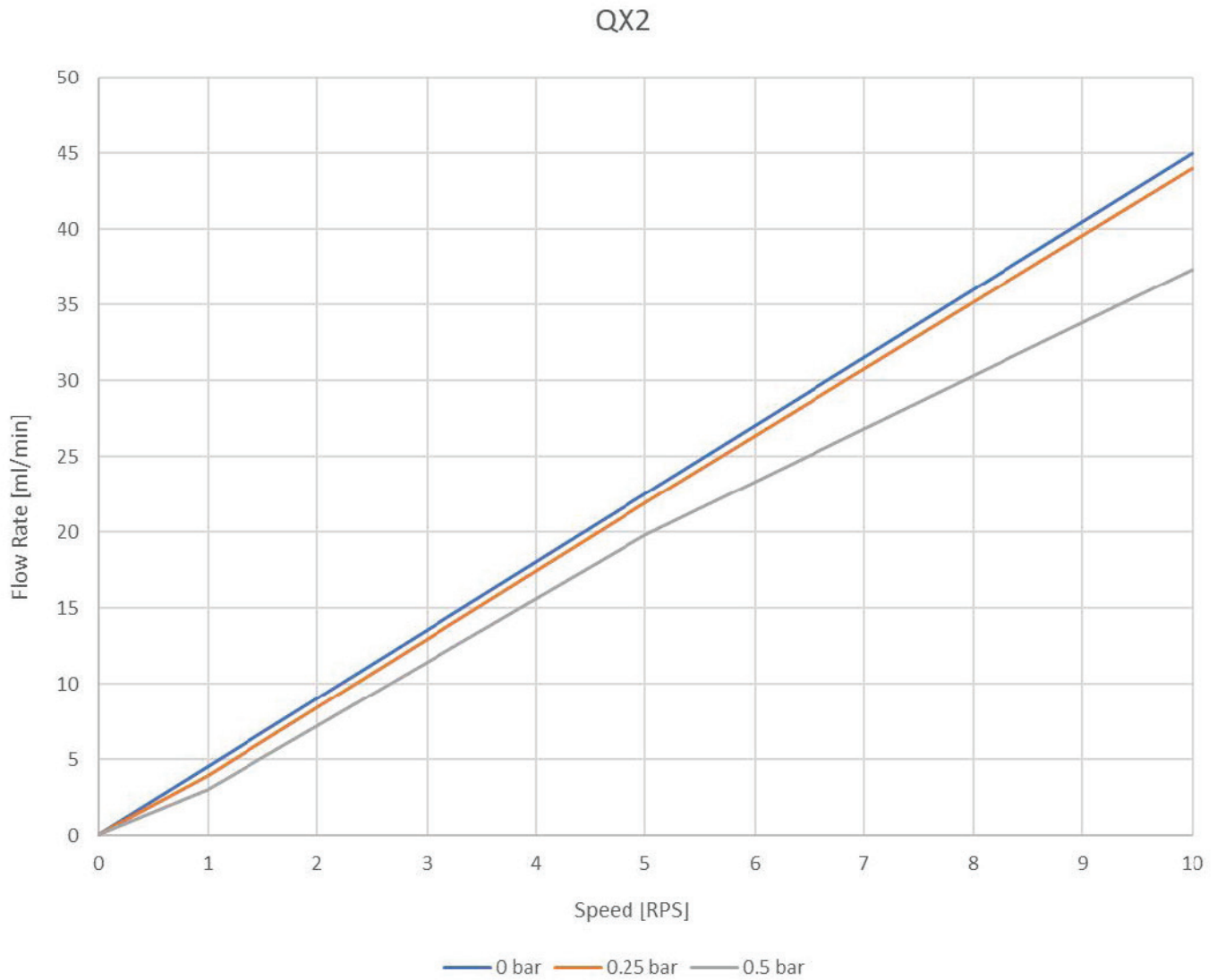


<b>Max flowrate</b>	43ml/min 2.6L/hr
<b>Resolution</b>	24µl
<b>Operating speed</b>	1 - 10rps
<b>Baseline accuracy</b>	± 5%
<b>Max pressure</b>	1 bar
<b>Max vacuum</b>	-0.9 bar
<b>Max torque</b>	100mNm
<b>Max fluid viscosity</b>	1000cP
<b>Dimensions</b>	38W, 30L, 17W
<b>Weight</b>	6.4g
<b>Operating temperature</b>	2 - 40C
<b>Wetted materials</b>	MBS, HDPE, SIL
<b>Connector sizing</b>	Hose barb for pump inlet and outlet. For use with 2mm ID flexible tubing.
<b>Longevity</b>	Up to 20L (with water, without pressure & irradiation)

# Microdosing pump

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The chart below shows flowrate versus speed at three different pressure points. For a standard pump the flow efficiency starts to drop with pressures above 0.5 bar.





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