



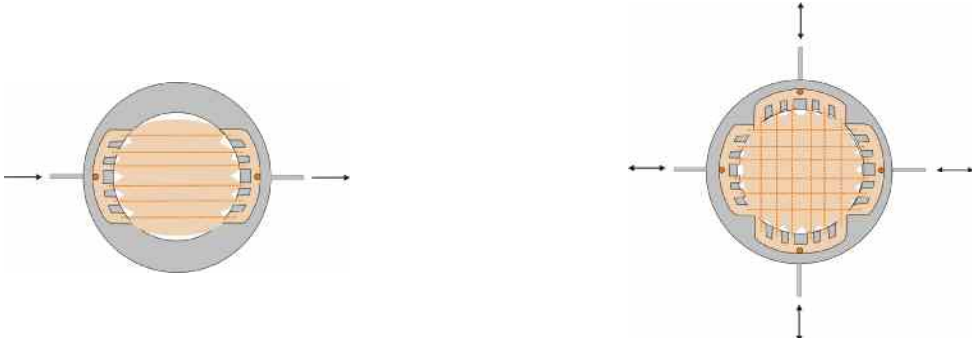


# POCmini-2 System – Overview

External dimensions: Base plate Ø 58 mm x 6.5 mm

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| <p style="text-align: center;"><b>Closed Cultivation</b></p>  <p><b>Observation area:</b> 3.8 cm<sup>2</sup>, Ø 22 mm<br/> <b>Weight (approx):</b> 32.0 g<br/> <b>Volume:</b> 1 mm gasket approx. 0.4 ml<br/>         2 mm gasket approx. 0.8 ml</p>  | <p style="text-align: center;"><b>Open Cultivation</b></p>  <p><b>Observation area:</b> 2.4 cm<sup>2</sup>, Ø 18 mm<br/> <b>Weight (approx):</b> 39.5 g<br/> <b>Volume:</b> up to 1.2 ml</p>   |
| <p style="text-align: center;"><b>Closed Perfusion</b></p>  <p><b>Observation area:</b> 2.3 cm<sup>2</sup>, Ø 17 mm<br/> <b>Weight (approx):</b> 40.9 g<br/> <b>Silicone gasket:</b> 0.5 mm - 1.5 mm<br/> <b>Volume:</b> 0.5 mm gasket: approx. 0.34ml<br/> <b>Flow-rate:</b> For optimal physiological conditions in cell cultures, a flow rate of 0.1-0.25 ml/hr is recommended.</p> | <p style="text-align: center;"><b>Open Perfusion</b></p>  <p><b>Observation area:</b> 3.8 cm<sup>2</sup>, Ø 22 mm<br/> <b>Weight (approx):</b> 50.4 g<br/> <b>Distance:</b> 7.5 mm between growth surface and top of adapter.<br/> <b>Volume:</b> variable<br/>         depending on the position of the twistable perfusion canals</p> |
| <p style="text-align: center;"><b>Perfusion Adapter for Closed Perfusion</b></p> <p>A better perfusion of the nutrition medium over the whole cultivation area can be achieved.</p>    |  |