

Sensor Units Provide Precise Control Over Pressure and Flow Rates



Dolomite, a world leader in microfluidic design and manufacture, has introduced the Mitos Sensor Units to provide a flexible system for measuring and displaying pressure and flow rates in microfluidic systems. With a real-time display and low internal volumes, each sensor is designed to minimise interference with the liquid flow. All data is clearly displayed on the Mitos Sensor Display unit, which interfaces with each of the sensor units using a simple push-and-click action. Comprising of five flow rate sensors and one pressure sensor (-0.5 to 30 bar), the complete range is fully interchangeable and each device can run stand-alone or integrated with a Mitos P-Pump for the efficient logging of flow rate output. All data is easily transferrable to a PC for further analysis via USB. Ongoing enhancements to the system will soon enable the flow rate sensors to communicate with the Mitos P-Pump to create a closed loop pumping system. This will enable the user to automatically control flow rates using pressure, providing the ultimate in smooth liquid flow.

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