

# The OmniSIA System For Sensor Testing



The OmniSIA instrument is the ideal device for testing biosensors. Its design offers remarkable flexibility to perform virtually any measurement typically used in sensor development. The specific capabilities include:

- Step response measurements
- Impulse response measurements
- Automated calibration runs
- Complete software control of pumps and valves → create customized test protocols
- Ability to include additional components → accommodate advanced test protocols

The instrument is equipped with a syringe pump to supply virtually pulseless flow. It also contains a peristaltic pump for cases where continuous flow is preferred.

The instrument can be equipped with an optional Lab-on-valve<sup>®</sup> manifold to provide complete transparency for the fluidic operations.