

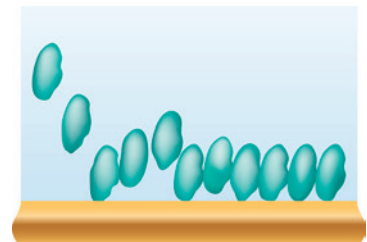
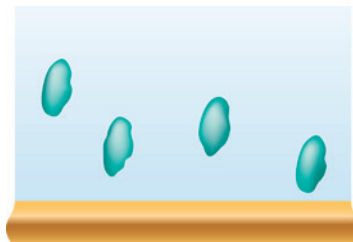
# Product line – An instrument for every lab and application



- **Superior accuracy:** This real-time analysis of surface-molecule interactions measures mass and thickness changes and rapid events with nanogram precision. It also detects structural changes and solvent content. All with accurate outcomes and high reproducibility.
- **Endless possibilities:** Our instruments are designed to enable variable measurement conditions, and a wide variety of samples in liquid or air can be analyzed. We also have the broadest sensor surface offering in the market to widen your possibilities even further.
- **As easy as it gets:** Turn-key instruments, intuitive software and support from our experienced team will ensure that you get the most out of your measurements.

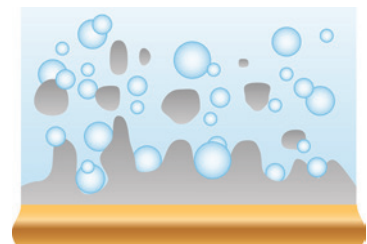
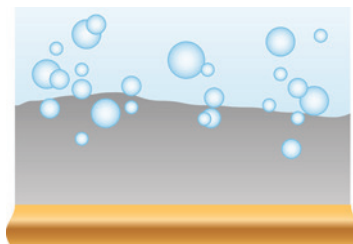
## Study surface interactions

- In real-time
- With nanogram precision



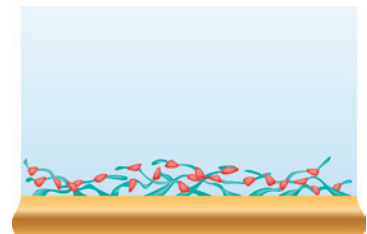
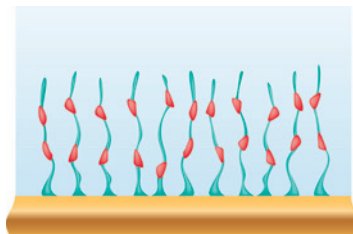
## Analyze events such as

- Adsorption/Desorption
- Binding
- Degradation
- Cross-linking
- Swelling/Collapse



## Find out

- How much
- How fast
- What process
- What structure

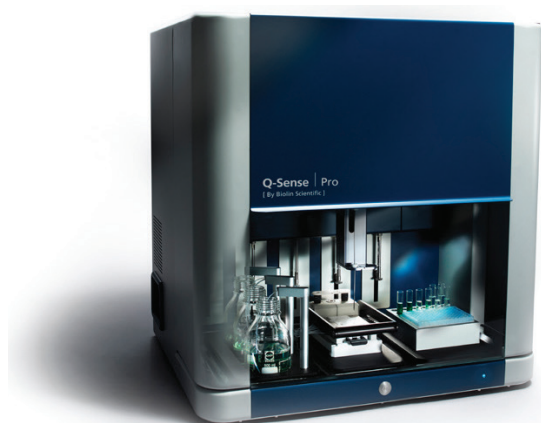


# Product line – An instrument for every lab and application

## Q-Sense Pro

Fully automated for large-scale analysis

- Unattended measurements
- High throughput
- Precise sample handling



## Q-Sense Analyzer

Fast sample processing at high quality

- Evaluate parameters efficiently
- Compare data easily
- Quantify mass and viscoelasticity



## Q-Sense Explorer

Versatile and modular for quantification at research laboratories

- Endless experiment possibilities
- Combinations with other techniques
- Quantify mass and viscoelasticity



## Q-Sense Initiator

The superior QCM with Dissipation monitoring technology

- High quality data
- Robust design
- Wide range of experimental conditions



Specifications	Q-Sense Pro	Q-Sense Analyzer	Q-Sense Explorer	Q-Sense Initiator
Number of sensors	8	4	1	1
Minimum sample volume	~50 µl	~200 µl	~200 µl	~200 µl
Temperature range, ±0.02 °C	4 – 70 °C	15 – 65 °C	15 – 65 °C	20 – 45 °C
Time resolution	0.005 s	0.005 s	0.005 s	0.5 s
Harmonics	7	7	7	2
Quantification of mass, viscoel. prop	yes	yes	yes	limited*

Maximum mass sensitivity in liquid: 0.5 ng/cm<sup>2</sup> for all instruments. Please note, specifications maybe subject to change without notice.  
 \*Only quantification of mass of rigid films.