

INITIUM to launch AFFINIX QN μ (Micro) QCM Molecular Interaction Analyzer

INITIUM, Inc.

INITIUM, Inc. (President & CEO: Junpei Yuyama) announced today that INITIUM and its parent company ULVAC, Inc. (President & CEO: Hidenori Suwa) are going to add the new instrument AFFINIX QN μ (Micro) to its AFFINIX series of QCM (Quartz Crystal Microbalance) Molecular Interaction Analyzers as a jointly developed product.

INITIUM to exhibit the AFFINIX QN μ (Micro) booth no. 5-64 in West hall, DNA/RNA area at the International BIO EXPO 2009 to be held in Tokyo, Japan from July 1 through 3.

AFFINIX series is based on QCM technology that enables Label-free and Real-time mass sensing on a surface with high sensitivity and low cost in versatile experimental fields such as proteins, DNA, Sugar chain, Lipid, Biomaterials, polymers, nano-particles, films, and so on.

AFFINIX QN μ (Micro) has single channel unit, contributes production of high quality data. Measurement platform is flexible and user friendly for many creative researchers from biological to materials field.

1. Common sales features for new product AFFINIX QN μ and conventional products such as AFFINIX QN Standard and AFFINIX Q4.:
 - (1) High sensitivity and low noise level
 - (2) Affinity, binding constant measurements
 - (3) Kinetic analysis
 - (4) Versatile operation platform
 - (5) Simple & easy operation
 - (6) Easy maintenance
 - (7) Low running cost
 - (8) Compact size
 - (9) Affordable price

2. Sales features for new product, **AFFINIX QN μ (Micro)**:
 - (1) Fewer sample consumption suitable for your precious samples such as DNA, Protein, Antigen-antibody etc. due to reduction of measurement buffer solution volume (400~550 μ l).
 - (2) Replaceable with QN Standard unit (Buffer solution volume: 5~11mL, Organic solvent resistible Ceramics sensor).
 - (3) Measuring chambers can be customized from 1 channel to 4 channels
 - (4) Appearance is stylish and round shaped, pure white and pink colored
 - (5) RoHS (Restriction of hazardous Substances) conformed

3. Major applications:

Protein protein interaction

Antigen antibody interaction (immune reaction)

RNA-DNA, RNA-protein and DNA-protein interaction

Enzyme reaction

Evaluation of inhibitor

Evaluation of polymer, thin film, nanoparticle, nanotube and other nanomaterials

Measurements in crude solution

3. Standard accessory:

AFFINIX QN Base equipment, Measuring software installed PC, PC accessory (LAN cable included), Sensor cells, Magnetic stirrer bar, Viewer software

4. Sales plan:

INITIUM aims at annual sales of 50 units

5. Selling price & delivery time:

1) Please contact us <http://www.initium2000.com/en/contact/>.

6. Time to launch: July 2009

7. Special mention:

We have about 110 peer reviewed papers and 32 application notes. You can look at and find relevant papers to your research on our website info@initium2000.com. AFFINIX QN μ (Micro) cover a wide range of research areas to realize your ideas.

Information in the news release is current on the announcement and is subject to change without notice.

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Website	http://www.initium2000.com/e-top.html
For more information	Kumiko Itou, Sales manager Sales & Marketing Department INITIUM, Inc. Phone: +81-3-5218-8030 / Fax: +81-3-5218-8031 E-mail: info@initium2000.com