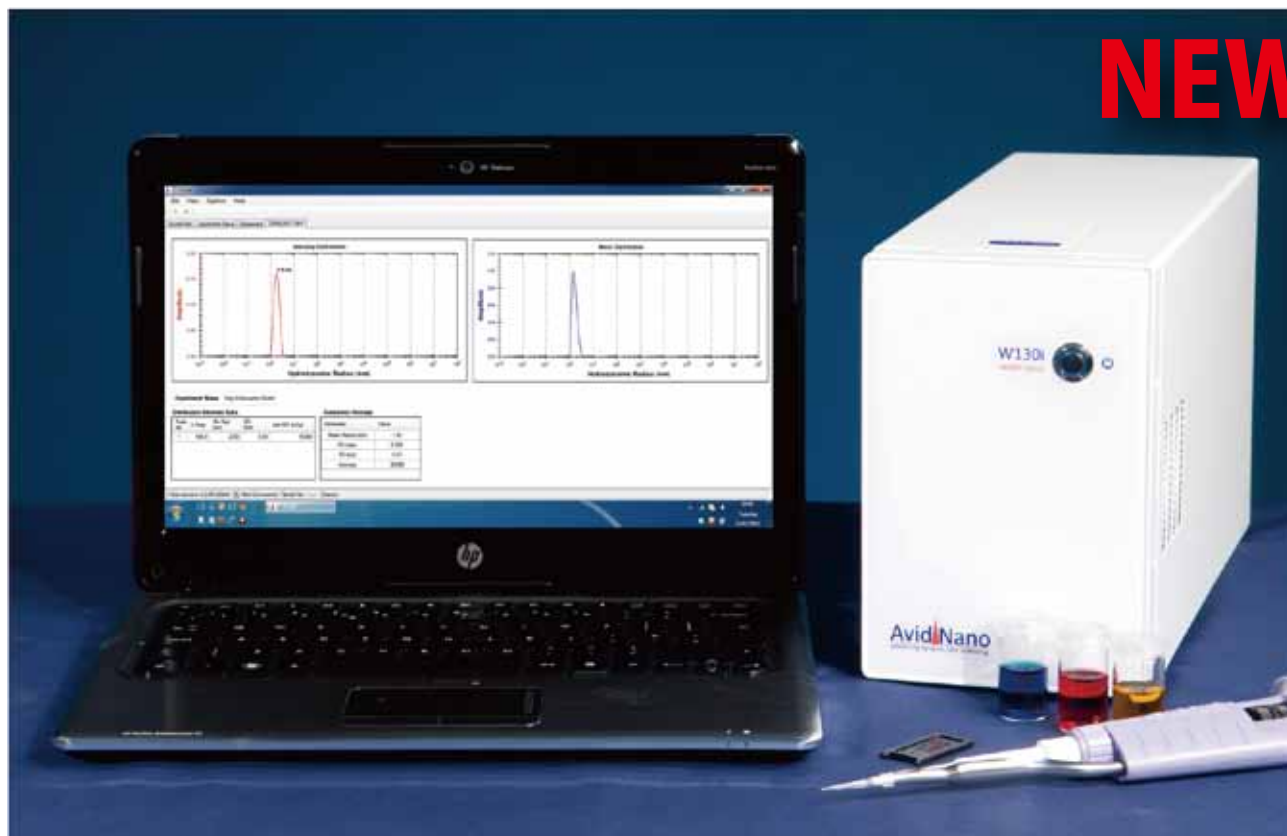


Avid Nano
advancing dynamic light scattering

動的散乱検出器 W130i

分子サイズ・分子量・粒度分布・アグリゲーションスクリーニング



- 使い捨ての 5uL キュベットと従来のクォーツキュベット使用可能
- 極低濃度試料” 0.1 mg /ml ” のモノマープロテインを検出
- 幅 13cm 業界最小レベルのコンパクト設計でベンチスペースを確保



BladeCell™
ディスポキュベット



W130i

W130i measures molecular size, weight, distribution and aggregation in seconds

PRODUCT HIGHLIGHTS

- High sensitivity
- Low sample volume
- 5µl disposable cuvettes
- Low volume quartz cuvettes
- Temperature control
- Flow mode compatible
- Only 130mm wide
- Diamond geometry optics
- All new *i-Size™* software

TYPICAL APPLICATIONS

- Crystal screening
- Buffer optimization
- Solubility screening
- Aggregation detection
- Micelle formation
- Nano-particle development
- Thermal characteristics
- Formulation development



Dynamic light scattering enables quick and accurate measurement of hydrodynamic radius, size distribution, estimated molecular weight and aggregate content of bio-molecules and nano-particles in solution.

Engineered to meet the demands of today's research laboratories, the *W130i* dynamic light scattering system is designed primarily for protein specialists to help characterize molecules in solution. Its exquisite sensitivity and innovative design gives the *W130i* class leading performance, measuring accurately from just **5µl** of sample.

* BladeCell™ patent applied for

- **Unrivalled Convenience** - choose the 5µl BladeCell™ disposable cuvette* for the ultimate convenience of a disposable coupled with the measurement quality of quartz.
- **Unbeatable Performance** - choose the 12µl quartz glass cuvette for incredible performance. The *W130i* supports most standard fluorescence cuvettes
- **A Tiny Package** - the *W130i* is packaged to suit today's laboratory, occupying the very minimum of bench space.

Digital signal attenuation makes the *W130i* capable of measuring just about anything you can see through and some things you can't. Fast, accurate temperature control and flow-mode capability make the *W130i* suitable for thermal studies and to determine the hydrodynamic radius of chromatogram peaks without calibration.

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