

AccuSizer® Autosampler

An autosampler designed for use for enhanced throughput with Entegris AccuSizer® and Nicomp® particle size analyzers

The AccuSizer® AutoSampler has been designed to meet the needs of applications where higher throughput or repetitive analyses are required. The autosampler is compatible with all of the various AccuSizer and Nicomp® system configurations, including A7000 series AD (autodilution), APS (automatic particle sizer), SIS (syringe injection sampler), and the Nicomp N3000 series dynamic light scattering systems. Entegris also offers the AccuSizer A5000 Series AutoSampler, a standalone sampling system that is available with an integrated SIS, AD, and MD (metered drain) fluidics configurations. All of these systems are controlled by Entegris software packages each specifically designed to meet the rigors of the individual fluidics systems and applications they address.

The AccuSizer AutoSampler is engineered using the same modular design approach as our other products providing the flexibility of matching our capability modules to the specific needs of our customers applications. The system can be configured with optional single point and multipoint stirring systems which can stir all the samples simultaneously. An optional Peltier controlled temperature rack is also available for small samples which need to be at a controlled temperature while awaiting analysis.



The standard configuration for the AccuSizer Autosampler includes the system and a choice of two rack sizes with starter tubes.

Software for control of the Autosampler is an integral part of all new Entegris AccuSizer and Nicomp laboratory software releases, making it easy for a user to add an Autosampler to an existing Entegris particle sizing installation. Entegris software allows for operating the system with multiple measurement recipes for the contents of any one rack, making the system suitable where several repeats of any one sample are needed.

FEATURES

Automated batch sample analysis

| Multiple sample | Trays available |
|-----------------|--------------------|
| 3×7 samples | 30 mm tube (50 mL) |
| 3×8 samples | 25 mm tube (30 mL) |
| 4×10 samples | 20 mm tube (20 mL) |
| 5×12 samples | 16 mm tube (14 mL) |
| 6×9 samples | 4 mm tube (2 mL) |
| 6×15 samples | 13 mm tube (7 mL) |

Note: All rack configurations are not available for all modules.

Dual trays of the sample configuration are also available.

Modular easy lock and load sample trays.

Separate optional sample-prep station with mixing available for the AccuSizer line of instrumentation.

Integrated AccuSizer and Nicomp software controller packages.

Autodilution^{PAT.}



FOR MORE INFORMATION

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Corporate Headquarters

129 Concord Road
Billerica, MA 01821
USA

Customer Service

Tel +1 952 556 4181
Fax +1 952 556 8022
Toll Free 800 394 4083

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