

ACCESSORIES

All of the CILAS accessories are controlled by "The Particle Expert®" software.



SMALL VOLUME UNIT

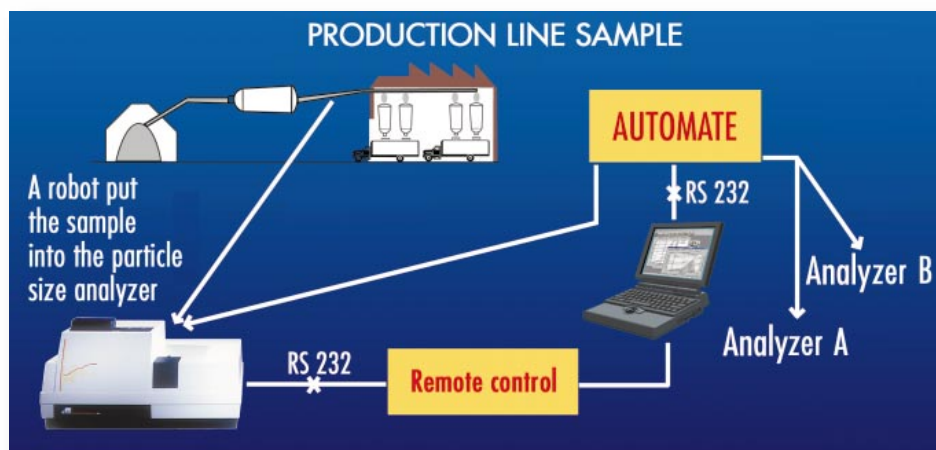
The small volume unit is designed for :

- Aggressive solvents such as acetone, benzene,....,
- High cost samples (active products, precious metals).
- Mechanical stirrer and peristaltic pump are integrated,
- Quantity of samples up to 50 mg,
- Independent ultrasonic probe.
- Volume of solvents from as low as 40 up to 100 ml.

REMOTE CONTROL MODULE (PC pilot)

The remote control module acts as an interface link to a robotic automation system.

- Taking a sample from a production line and introduction of the sample into the P.S.A . liquid tank, by means to a robotic device,
- The control of the particle size analyzer for starting measurements is under the PC pilot control.



AXIOME - Photos copyright : Patrice Delatouche - Non contractual Document
All the informations and specifications of the particle size analyzers are subject to change without notice by CILAS.



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CILAS has retailers
all over the world



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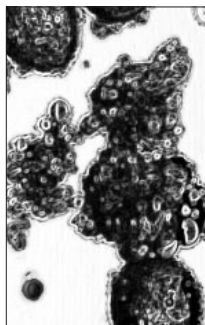
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VIDEO CAMERA

The Video Camera is fully compatible with all CILAS particle size analyzers.

The most important features for particle observation are :

- The visualisation of the dispersion and the agglomeration,
- The visualisation of the shape ($d > 20 \mu\text{m}$),
- The storage of the images in a data base via the PC and the acquisition video board.



ALCOHOL RECIRCULATOR

When analyzing samples soluble in water, and which require Alcohol or a different carrier liquid, the Alcohol recirculator is ideal to decrease both analysis and waste removal costs. A decrease in solvent handling also results in a safer working environment.

- Liquid carrier : Alcohol 95% or 99% or other liquid which needs some special attention
- Total automatic operation for saving time
- Optimal filtration, with two different filters,
- 2 to 3 stainless steel sedimentation tanks (20 liters per tank).

AUTOSAMPLER

The autosampler is the ideal tool to improve your productivity when making repetitive analyses.

Major features :

- Ideal for routine production control and particularly for a high simple load application or reproducibility tests ,
- 1 to 28 cups for samples,
- Entirely independent analysis can be programmed for each sample,
- Automatic cleaning of the cups,
- Provides for the possibility to use a dispersant.

