Automated dry powder slide preparation

CLEMEX Powder Disperser

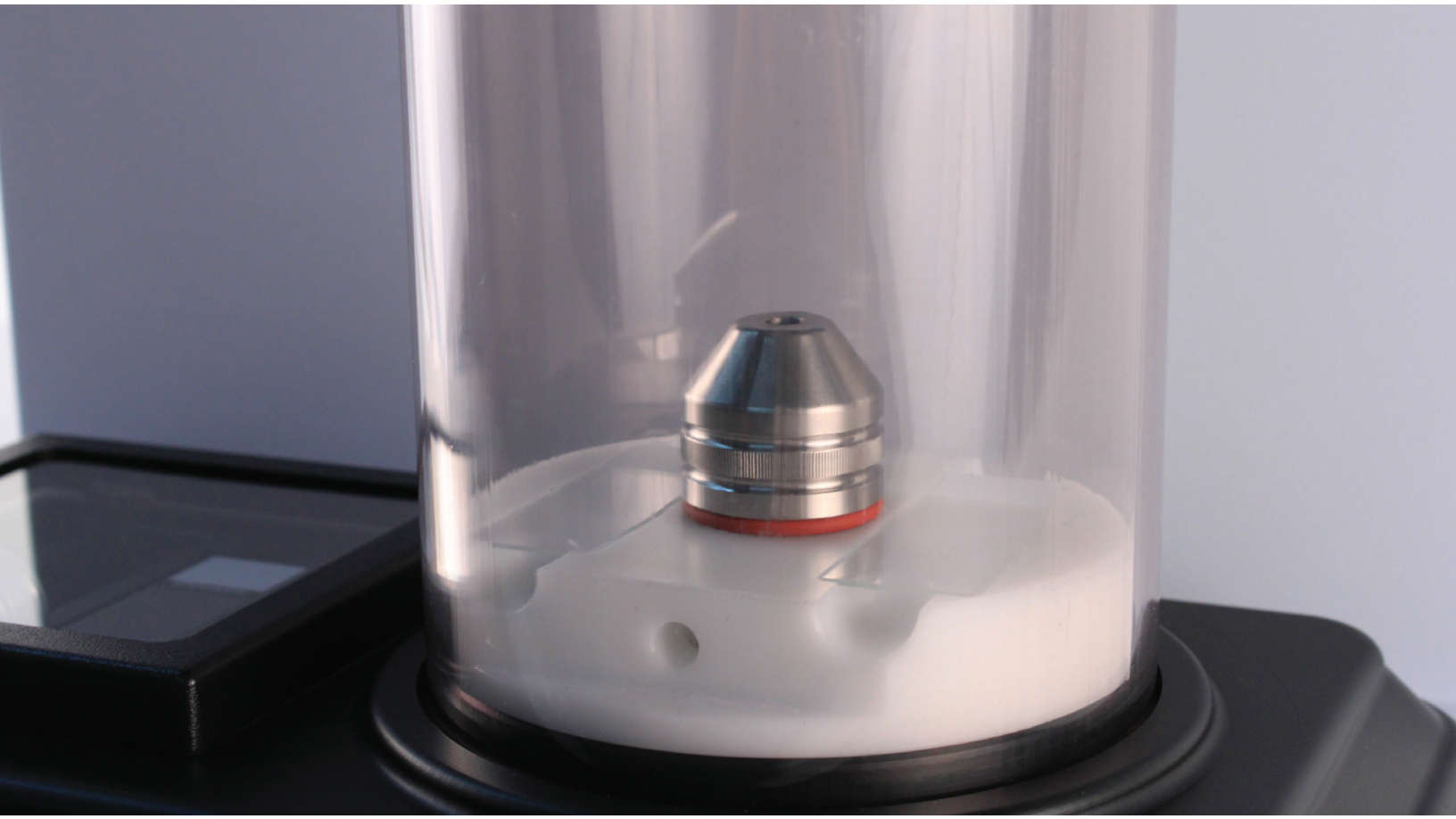
No more agglomeration of dry powder

No damaged or broken particles

The Clemex Powder Disperser uses vacuum, insuring that no particle is damaged or changed by the disperser's environment.

Ensures reliable results

The computer controlled unit ensures perfect dispersion. Analysis is then made easy and repeatable.



Key Features

Computer controlled

The Clemex Powder Disperser is controlled by software. The user can modify the starting pressure, the dispersion flow and dispersion time. The software also has pre-defined settings for various particle types.

Perfect dispersion

With one click, the unit scatters powder inside its vacuum tube. The particles slowly fall onto the glass slides positioned on each side of the dispersal nozzle, ensuring that the particles are not clustered.

Vacuum system

While most dispersers use fluidized beds or high-pressure aerosol, the Clemex Powder Disperser uses vacuum, thus avoiding surrounding contamination.

Easy cleaning

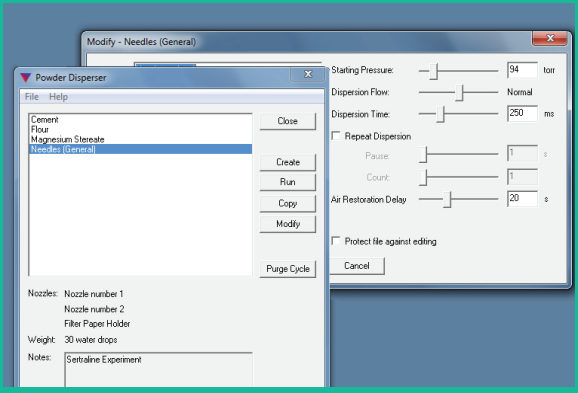
The Clemex Powder Disperser comes with cleaning accessories specifically chosen for their anti-static properties. The glass tube is easily removed and can be quickly cleaned using a dry cloth.

The system comprises hardware and software

The Clemex Powder Disperser unit comes with Clemex software which controls the starting pressure, dispersion flow and dispersion time. Three nozzles are included to cater for small and large particles.

Clemex Powder Disperser Unit

3 nozzles and 1 disperser head



Clemex software

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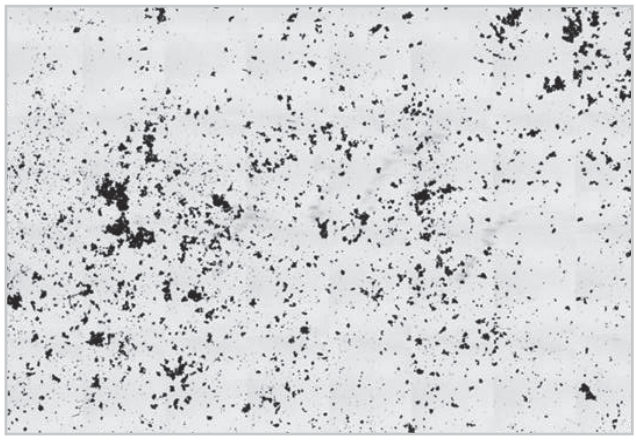
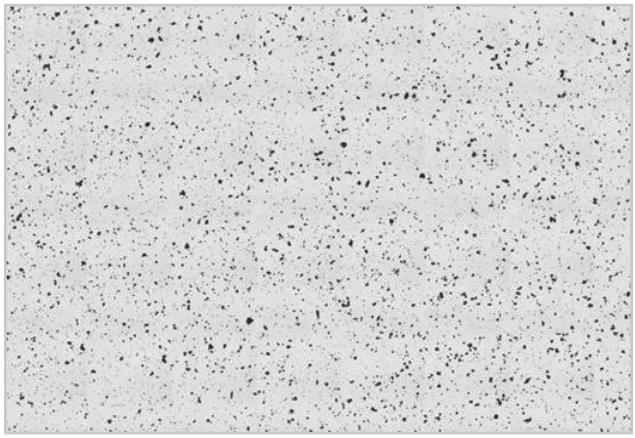
The Clemex Powder Disperser is a dry, free-flowing powder disperser used to “uncluster” particles so that they might be easily observed and measured on glass slides for image analysis by optical microscopy.



Clustered particles

Dry powder particles have a tendency to cluster when manually placed on a glass slide. This may skew image analysis results as clusters are detected as large particles.



Dispersed particles

With the unique powder dispersion method developed by Clemex, particles are scattered evenly. Image analysis results are therefore reliable and accurate.

CLEMEX

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