

# DataAnalyst

Remote Data Storage and Reporting for Lasair® III and MiniCapt® Mobile



DataAnalyst is a supporting software package for Lasair III and MiniCapt Mobile devices. It connects easily to allow data downloading, archiving, and reporting that is fully compliant with all secure data transfer requirements. The program supports a multitude of installation configurations, from a single base station to integrated networks of multiple Lasair III and MiniCapt Mobile instruments connected to a LAN for distribution and reporting.

The comprehensive reporting structure works with specific inputs from the particle counter and filters sampling data based on location, date/time or product batch information. Reports can be generated to meet industry requirements and configured to include raw and tabular data in statistical and graphical formats. The reporting tool can also be configured to produce various report formats, including certification to ISO 14644-1:2015, FDA, EU GMP, or FS 209 standards.

The integration with MiniCapt Mobile microbial samplers allows for collection, storage and reporting of sampling data. The new manual data entry function enables the authorized user to include CFU counts, incubation temperature and incubation time.

All cleanroom classification and monitoring data is now in a unique, secure and validated place.

## BENEFITS

- Cleanroom certification reports meet ISO 14644-1:2015, FDA, EU GMP and FS 209E standards
- Long term data archiving for Lasair III particle counters and MiniCapt Mobile microbial samplers
- Centralized SQL Server® database for access to all Lasair III particle counter and MiniCapt Mobile microbial sampler data and reports across a site-wide LAN
- Compliant with 21 CFR Part 11 for data security and integrity
- Single click download from a configured instrument
- Export secure data via USB port on Lasair III
- Secure Ethernet download from remote instruments
- Enhanced software security allows for Windows Active Directory ID/password management

## FEATURES

- Compatible with Lasair III and MiniCapt Mobile
- Intuitive tabular design
- Simple instrument configuration
- Security configuration quickly adds new users and customizable groups
- Full audit trail

## APPLICATIONS

- Downloading data from Lasair III and MiniCapt Mobile
- Cleanroom compliance monitoring and reporting
- Cleanroom certification and contamination trend analysis
- Cleanroom certification reporting with Lasair III particle counters
- Process tool monitoring and reporting



**PARTICLE  
MEASURING  
SYSTEMS®**

*Without measurement there is no control*

# DataAnalyst

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Specifications

<b>PC compatibility</b>	Please refer to the Microsoft® operating system minimum requirements.
<b>Memory</b>	2 GB RAM, minimum
<b>Hard disk</b>	64 GB free hard drive space for the data archives, message files, buffer files, and log files used by the system
<b>Network</b>	TCP/IP-compatible network adapters are acceptable
<b>Operating systems</b>	Microsoft Windows® 7 and Windows 10
<b>Database compatibility</b>	Microsoft SQL Server® 2014 Express SP1 or Standard edition
<b>Instrument compatibility</b>	Compatible with Lasair III firmware 2.1.008 or newer* and MiniCapt Mobile firmware 2.0.0.0/1.1/1.3.0.0.

\*Contact Particle Measuring Systems for information about firmware/software upgrades

The screenshot displays the DataAnalyst software interface. On the left, a 'Time Plot' window shows a line graph of 'Cumulative Raw Counts' over time, with a peak around 12:08 PM. The main window shows a data table with columns for 'Location', 'Volume', 'Flow', and 'Laser'. A 'Download' button is visible for each row. On the right, a 'Certification Wizard' window displays a 'Cleanroom Certification Report' with various parameters and a 'Finish' button.

Interactive charts

Data view with multiple instruments configured to facilitate quick downloads

Certification report



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