

# DataAnalyst

Remote Data Storage and Reporting for Lasair® III and Lasair II Particle Counters



DataAnalyst is a supporting software package for the Lasair III and Lasair II particle counters. It connects easily to allow data downloading, archiving, and reporting that is fully compliant with all secure data transfer requirements. The program will support a multitude of installation configurations, from a single base station to integrated networks of multiple Lasair II or III particle counters 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 upon 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.

## BENEFITS

### New Application

- Create cleanroom certification reports to meet ISO 14644-1:2015, FDA, EU GMP and FS 209E standards
- Long term data archiving for Lasair II/III particle counters
- Centralized SQL Server® database for access to all Lasair II/III particle counter data and reports across a site-wide LAN
- Compliant with CFR Title 21 Part 11 for data security and integrity
- Ideal for cleanroom certification and contamination trend analysis

### Improved Control

- Single click download from a configured instrument
- Export secure data via Lasair III particle counter's USB port
- Secure Ethernet download from remote instruments
- Full audit trail

### Easy to Use

- Intuitive tabular design
- Simple instrument configuration
- Security configuration quickly adds new users and customizable groups

## APPLICATIONS

- Downloading data from Lasair II or III particle counters
- Cleanroom compliance monitoring and reporting
- Cleanroom certification reporting with Lasair III particle counters
- Process tool monitoring and reporting



*Without measurement there is no control*

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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™ 2008 R2 Express or Standard edition

The screenshot displays the DataAnalyst software interface. At the top, there is a menu bar with 'File', 'Configure', 'Perform', 'View', and 'Help'. Below the menu is a toolbar with icons for download and retrieve. A table lists various locations and their corresponding IP addresses, with download buttons for each. In the foreground, a 'Time Plot' window shows a line graph titled 'Chart Excursion on 14 August 2008' with 'Cumulative Raw Counts' on the y-axis and time on the x-axis. A 'Certification Wizard' window is also visible, displaying a 'Cleanroom Certification Report' with fields for sensor ID, location, date, and time, along with a table of data points and checkboxes for each.

Interactive charts

Certification report

Data view with multiple instruments configured to facilitate quick downloads



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