



Empowering APSD Data Analysis

# Inhalytix<sup>®</sup>

Following the chemical analysis of a fractionated aerosol (e.g. by High Performance Liquid Chromatography, HPLC), a number of important metrics must be derived from the resulting raw assay data to characterise the Aerodynamic Particle Size Distribution (APSD) in accordance with pharmacopoeial and/or regulatory guidance.

## Where do you start?

Whether you're taking your first step towards APSD data management, re-evaluating your existing data analysis strategy, or enhancing your existing processes, it pays to add Inhalytix to your workflow.

Designed to streamline and automate the complex process of transforming raw inhaler testing data into performance-defining metrics, Inhalytix is an end-to-end APSD data management solution that harnesses the power of advanced algorithms to seamlessly transform raw data into actionable insights.



### Automated data processing

Inhalytix revolutionises inhaler test data processing. No more hours lost to validation and formatting. Our software automates these tasks, ensuring your data is ready for analysis in a fraction of the time.



### Meaningful metrics instantly

Going beyond simple data transformation, Inhalytix generates a wide range of insightful metrics such as Geometric Standard Deviation (GSD), Mass Median Aerodynamic Diameter (MMAD), Fine Particle Dose (FPD) and more. These metrics provide a comprehensive view of inhaler performance, supporting analysts in making informed judgements. Focus your expertise on interpretation, not data wrangling.



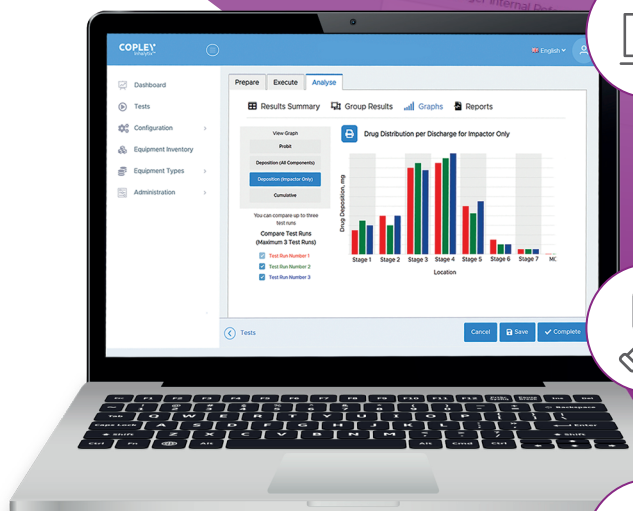
### Your data, your way

From tailored methods to custom reports, Inhalytix ensures efficient data analysis for all. Whether you're focusing on research, quality control, or regulatory compliance, Inhalytix can be adapted to your team's needs.



### Security and compliance at the core

We understand the importance of data security and regulatory compliance in the pharmaceutical sector. Guaranteeing secure, accurate, and audit-ready inhaler testing data analysis, Inhalytix is compliant with Ph. Eur., USP, JP and ChP regulations and is 21 CFR Part 11 ready.



With Inhalytix, go from data to discovery in 3 easy steps.



## 1. Prepare

### *Flexibility at your fingertips*

Build equipment configurations to match your benchtop set-up. Create test methods specific to your drug product. Choose whether to record delivered dose or drug substance delivery rate and design stage grouping and fine particle dose specifications amongst many other parameters.

Combine detailed drug product information with equipment and reporting configurations to build bespoke methods for data analysis.



## 2. Execute

### *Hassle-free data import*

With a data import feature, Inhalytix makes time-consuming data entry tasks a thing of the past. Data can be imported manually from most HPLC software\*, Inhalytix allows users to focus on what truly matters: uncovering insights and making informed decisions.

Alternatively, manual data entry remains an option for users.



## 3. Analyse

### *Unlock key APSD insights*

Experience a new level of efficiency as powerful proprietary algorithms convert raw HPLC data into meaningful metrics, ready for in-depth analysis by your team.

Tailor insights with custom reports to empower precise data visualisation for impactful decision-making.

***Your data, your way.***

\*For a comprehensive list of compatible software, please contact us at [sales@copleyscientific.co.uk](mailto:sales@copleyscientific.co.uk)

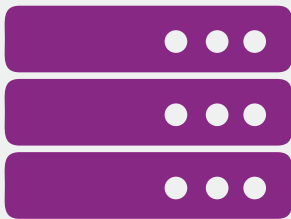
## Flexible Installation Options

Inhalytix caters to a diverse user base with varying needs, preferences and infrastructure capabilities. You can choose the installation option that best aligns with your requirements, whether you prioritise flexibility, control, performance or cost-effectiveness.

### PC



### Server



### Cloud



### Support & Upgrade Package

With our Support & Upgrade Package, you're not alone in navigating any technical or operational questions.

Whether you're a seasoned analyst or just starting, our support team is ready to assist you every step of the way.

Not only can you access Copley's dedicated in-house support team, but users will also benefit from immediate access to all new software features and enhancements as they are launched.

**Elevate your Inhalytix capabilities and streamline your workflow with confidence: get the Support & Upgrade Package today!**



### Inhalytix®

Cat. No.	Description
8260C	Inhalytix Data Analysis Software (3 user licences) - Cloud
8260P	Inhalytix Data Analysis Software (3 user licence) - PC
8260S	Inhalytix Data Analysis Software (3 user licences) - Server
8261	Additional 3 User Licences for Inhalytix (Cloud & Server)
8263A	Annual Support and Upgrade Package (per user)

To request a 1-2-1 personalised demonstration of Inhalytix with one of our team, please scan the QR code.



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