

AP Connect



Let the Data Flow

Data can be complex, but this is easy. Connect and collect, plug and play. All your lab data just a click away. AP Connect is a lab execution system that connects instruments from Anton Paar and other vendors, communicates measurement information, automates task execution and ensures compliance. It's your data hub in the lab – right at your fingertips.

- ✓ Saves money: increases productivity and minimizes operational costs
- ✓ Ensures quality: digitized laboratory data enhances data integrity
- ✓ Guarantees data security and traceability: compliance with key regulations



Your Digital Lab



AP Connect digitizes laboratory data flows and task execution, via a robust vendor-independent data handling platform. **This reduces errors, enhances data integrity, saves time and money, and ensures regulatory compliance.** Digitization of laboratory instrument data guarantees a secure, centralized repository for all instrument data, eliminating transcription errors. Seamless integration of all connected instruments, regardless of vendor or type, into AP Connect reduces the complexity of instrument integration into your leading information management system.

AP Connect improves laboratory efficiency with a seamless time-saving start of measurements and generation of sample lists directly from an online PC*. This **reduces manual intervention, increases productivity, and lowers operational costs.**

With the Lab Management feature, AP Connect enables structured access control and efficient organization of laboratory instruments. Instruments can be assigned to dedicated labs to enhance workflow organization, restrict execution access based on user roles, and ensure data confidentiality. Shared resources can be managed efficiently across teams while maintaining data integrity, and historical instrument data remains accessible for audits without cluttering active operations.

AP Connect and the Instrument Adapter for AP Connect are designed to minimize training requirements and make workflows intuitive. AP Connect integrates flawlessly with Active Directory, allowing IT to centrally manage users and centralized implementation of security policies.

AP Connect ensures compliance with key industry regulations like 21 CFR Part 11 and EU Annex 11, **providing a secure, traceable, and reliable laboratory data management system.**

**CUSTOMER INSIGHTS:
THE IMPACT OF
AP CONNECT IN THE LAB**



*Only available in the Standard edition

Versatile System Architecture



AP Connect's versatile system architecture allows plug-and-play integration of Anton Paar and other vendors' instruments via the instrument adapter in minutes. You'll have tens of thousands of measurements in one digital space.

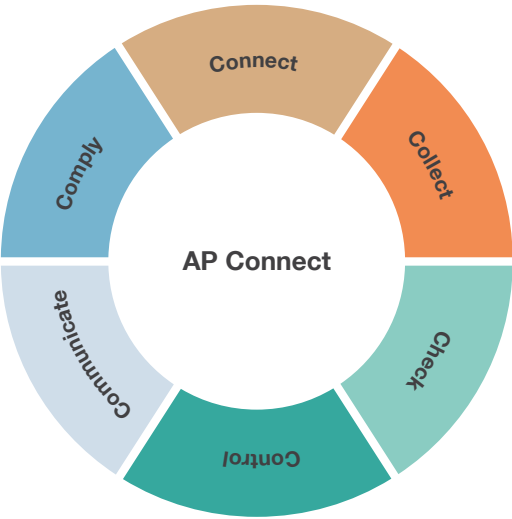
Three easy steps

- 1

INSTALL
Install AP Connect and, optionally, the instrument adapters in minutes
- 2

LOG IN
Log in to AP Connect in seconds with your Windows access credentials (Active Directory)
- 3

REGISTER
Register your instruments in less than a minute



Connect <ul style="list-style-type: none">→ Plug and play: 80+ Anton Paar instruments→ AP Connect Instrument Adapter: Connect 240+ instruments from other vendors Zero transcription errors ensure data quality.	Collect <ul style="list-style-type: none">→ One central database for all your measurement data→ Access from across the company network→ Work with information instead of searching Zero paperwork saves time and frees up resources for data analysis.	Check <ul style="list-style-type: none">→ Call up your data anytime to make faster decisions→ Audit trail function for full traceability in your lab work→ Configurable approval process of all your data with electronic signature All data for analysis in one place enables fast and safe decisions.
Control <ul style="list-style-type: none">→ Measurement triggered remotely from PC*→ Automated measurement scheduling and execution→ User management using the Active Directory (Pharma edition)→ Secure assignment of roles and permissions Batch measurement increases sample throughput.	Communicate <ul style="list-style-type: none">→ One interface for all your instruments to your data management system→ Remote data access: For fileless data transfer via the standardized REST interface→ File-based automatic and manual exports Configure your communication paths once, and your data will flow freely.	Comply <ul style="list-style-type: none">→ The combination of all AP Connect features ensures full compliance in regulated environments (e.g., FDA 21 CFR Part 11)→ Lab management: Assign instruments to dedicated labs, restrict access, and streamline workflows for efficient operations System audit trail and permission management guarantee full traceability.

*Only available in the Standard edition



←
Do my instruments work with AP Connect?
See all of the Anton Paar instruments that connect. See all supported instruments from other vendors connected via instrument adapters.

Digital Data Hub

AP Connect offers vendor-independent digitization and integration for various laboratory instruments, with unified data hubs and secure central raw data storage. It serves as a middleware and digital data hub, harmonizing interfaces and data models from all connected laboratory instruments, regardless of vendor or type, for seamless integration with systems like LIMS and ELN.

- Seamless digital data flow from all instruments to the leading data management system
- Real-time data access across the lab network
- Improved lab-work quality and efficiency
- No manual data entry and transfer errors
- Reduced operational costs and efforts
- Structured instrument organization and controlled data access
- Separation of active, archived, and onboarding instruments



AP Connect Editions

DOWNLOAD THE
AP CONNECT
DEMO NOW.

www.anton-paar.com/apc-demo

	Start (free)	Standard	Pharma
	↓	↓	↓
	For all customers who want to familiarize themselves and grow with AP Connect.	Broad-based. For labs and applications across industries.	Focused on labs and operators in intensely regulated environments.
Especially for these industries	<div>- Food & beverages</div> <div>- Petroleum</div> <div>- Chemical</div> <div>- Flavors & fragrances</div>	<div>- Food & beverages</div> <div>- Petroleum</div> <div>- Chemical</div> <div>- Flavors & fragrances</div>	<div>- Pharmaceutical</div> <div>- Personal care</div> <div>- Healthcare</div> <div>- Nutraceutical</div> <div>- Government compliance</div>
License	Free	One-time license fee or annual subscription fee	One-time license fee or annual subscription fee
Instrument connectivity	1 instrument	Up to 100 instruments	Up to 100 instruments
Data collection	✓	✓	✓
Data analysis (results browser)	✓	✓	✓
Data export	✓	✓	✓
Configurable automatic exports	1 rule	Up to 100 rules	Up to 100 rules
Supported file formats for data export	PDF, CSV	PDF, XLS, CSV	PDF, XLS, CSV
Desktop installation	✓	✓	✓
Server installation	✓	✓	✓
Multi user (client) access	1 client	✓	✓
User management supporting Active Directory	✓	✓	✓
Fileless data transfer (REST API) ¹		✓	✓
Connect to instruments from other vendors ²		✓	✓
Labs: Lab Management		✓	✓
Automated measurement scheduling and execution		✓	
Roles and permissions		✓	✓
Review and approval process			✓
Electronic signature			✓
Audit trail			✓
Compliant with Title 21 CFR Part 11			✓

As per the features shown in the table, compliance with the ALCOA++ data integrity principle is ensured.
¹ Via separate license (extra license costs apply).
² Additional adapters needed.

