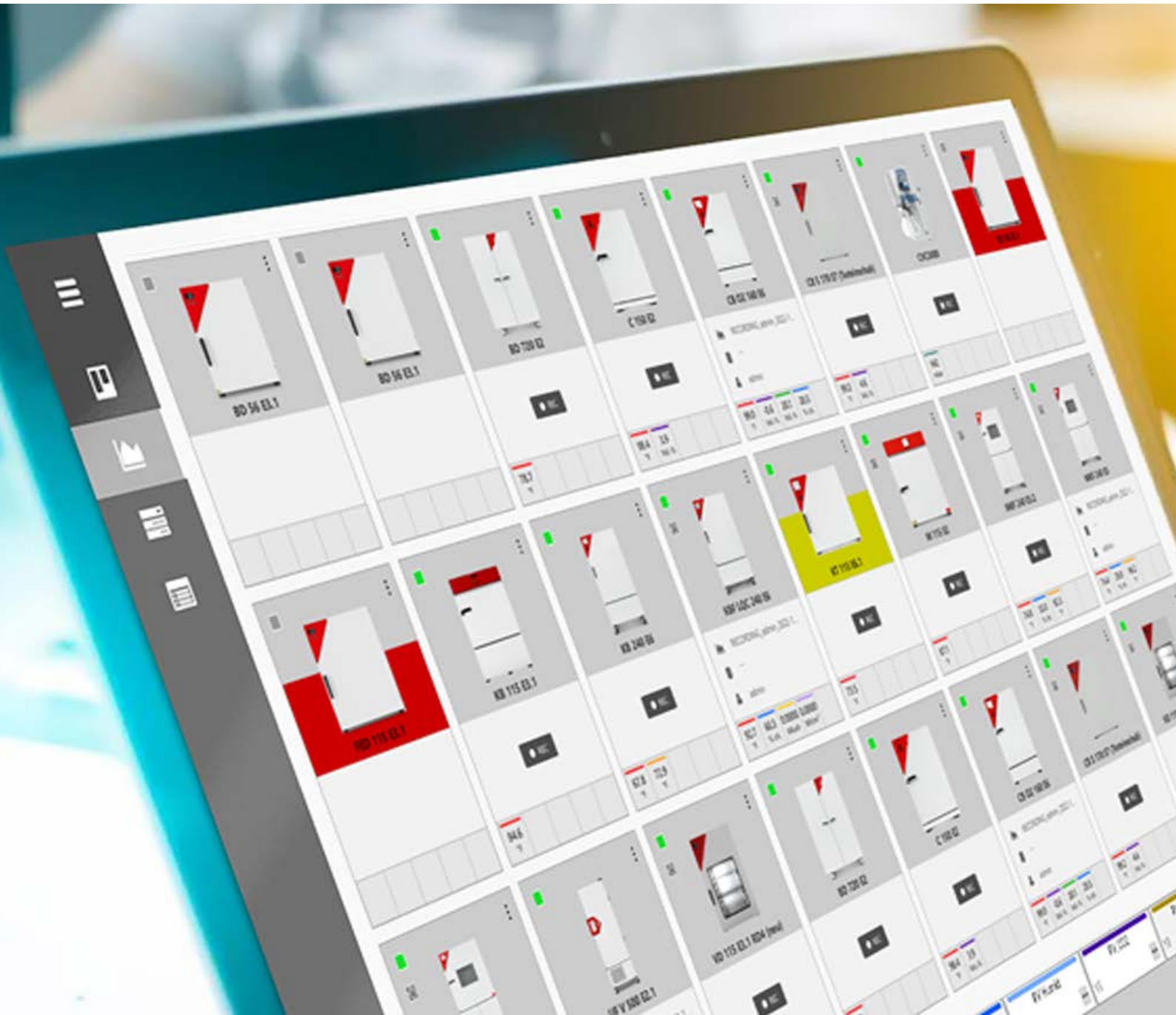
BINDER
Best conditions for your success

Multi Management Software APT-COM™ 4

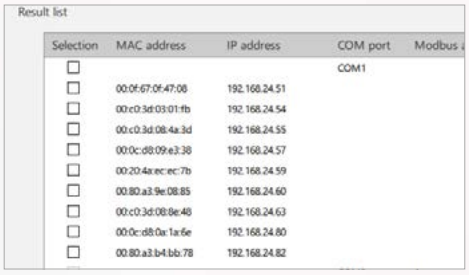
Recording, management, documentation



A real asset for BINDER chambers

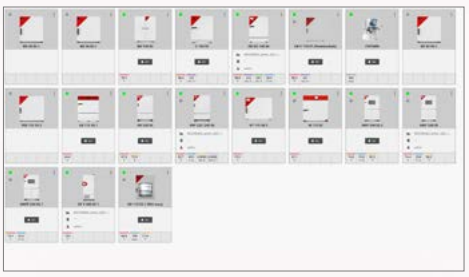
Multi Management Software APT-COM™ 4

BINDER's new Multi Management Software provides management, recording, programming, control, and documentation options, and much more. With features ranging from GLP-compliant recording to convenient program creation and management of up to 100 units, the APT-COM™ 4 can be used in all industries and makes complex work processes much easier.



QUICK AND EASY UNIT SETUP

Easy identification of the units to be set up with the aid of the article number. This means the units can be found in a matter of seconds and recording can begin.
Multiple units can easily be set up in just a few clicks.



UNIT OVERVIEW AND CONTROL AT A GLANCE

The overview displays the actual values and current measurements, making it easier to access the units and keep track of them. Limit values can also be set in this view. The Rec button can be used to start recordings immediately.

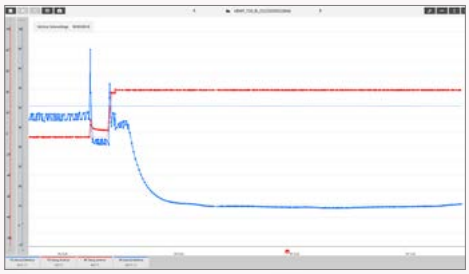
ROOM PLAN CAN BE CREATED VIA DRAG & DROP

It is easy to store a room plan. The units that have been set up can be positioned in the room plan and set values can be changed in just a few steps. In the event of an alarm, the relevant unit is marked in red and is therefore easy to locate.

TIPS AND TRICKS

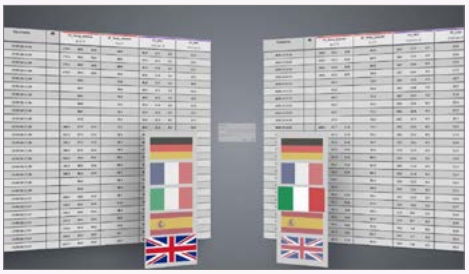
Highlights of APT-COM™ 4 can be found here:

Video: › go2binder.com/en-APT-COM4



DIVERSE PRESENTATION OF MEASURED DATA

The analysis tool provides access to all records in real time and around the clock. The data can be displayed in table form or as a graphic and the view can be individually adjusted to personal needs. Measurement data from multiple units can be combined and clearly displayed in metadata records.

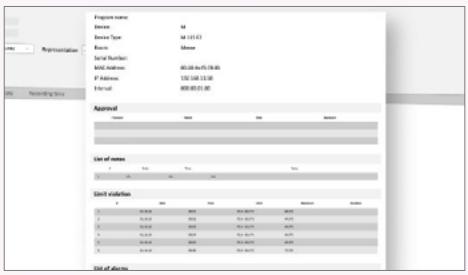


MULTILINGUAL USE

The software menus can be displayed in DE, EN, FR, IT, or ES. When working in international teams, it is possible to access the same measured data in different languages.

EASY PROGRAMMING

Programming can be carried out directly in the graphic or by entering values manually in table form.
It is not possible for the set values to exceed limit values as the parameters are already preset in the unit setup.



DATA EXPORT AND GLP-COMPLIANT DATA RETENTION

A comprehensive report can be generated as a PDF or CSV file at the push of a button. The data is retained in a tamper-proof, GLP-compliant manner. All processes are documented in full without any gaps in the system log (audit trail).

RELIABLE UNIT MONITORING

The alarm center simplifies the management of up to 100 BINDER units and their data. Searches, configuration and monitoring are synchronized and available in the GLP edition.

APT-COM™ 4 | Multi Management Software

The new version of Multi Management Software APT-COM™ 4 is available in three different editions.
Depending on your requirements, you can use the BASIC, PROFESSIONAL, or GLP edition. The selection of functions ranges from simple record management and administration for around 100 connected environmental simulation chambers through to the tamper-proof documentation of measured values according to GLP/GMP guidelines, which correspond to the requirements of the FDA Regulation 21 CFR 11.

IMPORTANT FEATURES

- Central overview of all units in both graphic and table form
- Record management (creating, deleting, archiving)
- Choice of 5 menu languages: DE, EN, FR, IT, ES
- Graphical/numerical program editor
- Reminders can be set via timer function
- Documentation of measured values
- Export of measured values in CSV & PDF format
- Optional program execution via APT-COM™
- Central overview of all units in a room plan (PROFESSIONAL, GLP edition)
- User administration for multiple users and authorizations (PROFESSIONAL, GLP edition)
- GLP/GMP-compliant data retention (GLP edition)
- Audit trail (GLP edition)

APT-COM™ 4 EDITIONS

BASIC	PROFESSIONAL	GLP
For simple recording and documentation requirements with up to 5 networked units.	Convenient unit and user management which builds on the BASIC edition. Suitable for networking up to 100 units.	For working under GLP-compliant conditions. Measured values are documented in a tamper-proof way in line with the requirements of FDA Regulation 21 CFR 11.

See page 5 for functional scope of the different editions

DOWNLOAD
Try out the free demo version of APT-COM™ 4 at:

› go2binder.com/en-downloads

Editions & system requirements at a glance

FUNCTIONAL SCOPE OF APT-COM™ EDITIONS

Edition	BASIC	PROFESSIONAL	GLP
Record management (creating, deleting, archiving)	•	•	•
Documentation of measured values	•	•	•
Central overview of all units in both graphic and table form	•	•	•
Graphical presentation of measured values	•	•	•
Graphical/numerical program editor	•	•	•
Timer function	•	•	•
Manual export of measured values (CSV & PDF)	•	•	•
Multilingual user interface (German, English, French, Spanish, Italian)	•	•	•
Optional program execution via APT-COM™	•	•	•
Import of data from APT-COM™ 3	•	•	•
Email-based alarm system	•	•	•
Administration of up to 100 connected units at the same time	–	•	•
Room plan function	–	•	•
User administration for multiple users and authorizations	–	•	•
Automatic time-managed export of measured values	•	•	•
Automatic/manual backup	–	•	•
Manual recovery of data	–	•	•
Reports for further processing/archiving	–	•	•
Can be validated according to 21 CFR Part 11 including validation documents	–	–	•
Documentation of measured values in a tamper-proof file in accordance with GLP/GMP guidelines on audit trails	–	–	•
Electronic signatures	–	–	•
Ordering details			
Article number	9053-0039	9053-0040	9053-0042

SYSTEM REQUIREMENTS

	Recommended	Minimum requirement
Operating system	Windows 10	Windows 7
Processor	Quad-core*	Dual-core*
RAM	8 GB	4 GB
Network connection	1,000 Mbit/s	100 Mbit/s**
Hard drive	SSD, at least 500 MB free ***	HDD 7,200 rpm 500 MB free*
Screen resolution	1400 x 1050	1280 x 720

*No processors from performance class “Intel Atom” or similar
**100 Mbit/s is sufficient for a small number of units
***Minimum requirement for installation; additional memory is required for subsequent operation

OPTIONS AND ACCESSORIES

Designation	Description	Art. no.
Alarm kit	for forwarding alarm notifications to existing alarm systems via the Multi Management Software	9052-0014
RS 422 interface, accessories	modular plug distributor for 10 RS 422 interfaces	8012-0295
	RS 422 connection cable (15 m) between plug distributor and RS 422 interface	5023-0036
	RS 422 extension cable (50 m) between interface converter and unit or RS 232 / RS 422 plug distributor	5023-0117
Interface converter	RS 422 cable set and RS 232 / RS 422 interface converter for connection to 10-way plug distributor or for connection to a unit	
	120 V, 60 Hz option model	8012-0557
	230 V, 50/60 Hz option model	8012-0556
	RS 422 cable set and RS 422 / Ethernet interface converter for connection to 10-way plug distributor or for connection to a unit	
	120 V, 60 Hz option model	8012-0405
	230 V, 50/60 Hz option model	8012-0380
	RS 422 cable set and RS 422 / USB interface converter for connection to 10-way plug distributor or for connection to a unit, USB-powered	8012-0665
RS 485 / RS 422 interface converter	RS 422 cable set and RS 485 / RS 422 interface converter for connection to 10-way plug distributor	
	115 V option model	8012-0599
	230 V option model	8012-0589

SERVICES

Designation	Description	Art. no.
Multi Management Software		
Instruction	Operation and configuration options for software, programming and control of units via the Multi Management Software APT-COM™	DL04-0003
Software installation	Install and configure software on a PC provided by the customer. Prerequisites analogous to system requirements	DL04-0001
Connecting units to software	Connect a unit to the Multi Management Software APT-COM™ and carry out configuration, customer does not supply cables	DL04-0002
Validation service		
Carry out IQ/OQ	For APT-COM™ GLP edition in accordance with qualification folder for each additional connected unit	DL04-0012
		DL04-0013
Validation services		
Qualification folder IQ/OQ	Supporting documents for validation performed by customer, consisting of: IQ/OQ checklists, QM certificate in accordance with ISO 9001	8012-0760

BINDER products

- CO_2 incubators
- Incubators
- Cooling incubators
- Growth chambers
- Ultralow temperature freezers
- Drying and heating chambers
- Safety drying chambers
- Vacuum drying chambers
- Constant climate chambers
- Dynamic climate chambers
- Battery test chambers
- Walk-in chambers
- Multi Management Software

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