

Kuhner Insight Software

Kuhner Insight is our user-friendly software for data recording, calibration, programming and controlling. Simultaneous recording of process parameters for up to 8 shakers or orbitally shaken bioreactors is possible.

For convenient supervision of your shakers

The Kuhner Insight Software is the universal tool for any experiment. It records all relevant process data such as shaker speed, temperature, humidity, and $\mathrm{CO_2}$ concentration as well as dissolved oxygen and pH for our orbitally shaken bioreactors (OSB) and our shakers with BPM-60. Additionally, all interactions with the shaking machine like user log in or setpoint changes are recorded. To easily monitor your experiment, all process parameters can be displayed in formattable diagrams and can also be printed. Setpoints for the different process parameters can either be defined in a program, which is automatically executed or can be changed manually through the control panels for e.g. shaking speed and temperature. With Kuhner Insight, you define your own user management policy according to your needs. The multi-user interface of the software provides access for up to 255 users in customizable groups with different rights.

Furthermore, the calibration of shakers and OSB is performed with this tool, and allows you to generate corresponding controller certificates, particularly interesting for IQ/OQ.

For convenient use, it is possible to connect Kuhner Insight locally with a USB/CAN interface or remotely with a CAN/Ethernet gateway.

Finally, the Kuhner Insight software can also be used on a touchscreen fully integrated into the shaker or control unit of the OSB, which is especially useful for application in a GMP environment.

+ Easy to use

+ Data integrity

+ Data security

+ Data traceability

+ Up to 255 users

+ Up to 8 machines

+ Connectivity

Multi user interface

recorded data.

It is possible to handle different types of users that can be defined by the customer.

Batch report



progr	program name: PROG PC15 LT X 1						
			Temp. 26.0 °C	Humidity 30 %	CO2 1.0 %	Shaker 2 20 mm	
	Pos. in program:	00:01	program	program	program	program	
	start date time	at h:min	℃	%	%	rpm	
1	26.03.2019 16:03	(00:00)	25.0	26	0.0	0	
2	26.03.2019 16:04	(00:01)	26.0	30	1.0	20	
3	26.03.2019 16:05	00:02	27.0	40	2.0	40	
4	26.03.2019 16:06	00:03	28.0	50	3.0	60	
5	26.03.2019 16:07	00:04	29.0	60	2.0	80	
6	26.03.2019 16:08	00:05	30.0	70	1.0	100	
7							
8							

Options

The Kuhner Insight software covers all important requirements demanded when working under ISO-9000 or GMP/GLP. Technical controls for 21 CFR Part 11 compliance are integrated into the software.

With the functionality provided by the Kuhner Insight Software, automatic batch operations can be performed, providing a gain in time and efficiency.

Moreover, any alarm which occurs during the process is registered and must be acknowledged by the operator. You will thus be informed immediately about any deviation during the process.

Finally, the auto save function allows you to continuously record your batch data.

IO-OO Documentation

IQ-OQ (Installation Qualification and Operation Qualification) is an equipment qualification according to GMP procedure. Kuhner offers this service, which can also be carried out at the customer's premises.

Shaker Control

- Manual control
- Programming setpoints
- Controller range
- Calibration

Recordina

- Data acquisition
- Audit trail
- Export of data

Multi user interface

- Customizable groups
- Up to 255 users

Connectivity

- CAN-USB
- CAN-Ethernet

GMP features

- Alarm acknowledgements
- Auto save: no data loss
- Auto-log off: user automatically logs off when no action is detected
- Batch report: print of the batch operation
- Automatic batch operation

Order number					
SMX856000	Software Kuhner Insight for shakers with license for 1 user				
SMX856001	Software Kuhner Insight for shakers with license for 2 to 5 users				
SMX856005	Software Kuhner Insight GMP				
SMX856006	Software Kuhner Insight Upgrade GMP Version				

Options & Accessories

www.kuhner.com

Kuhner

Represented by:

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