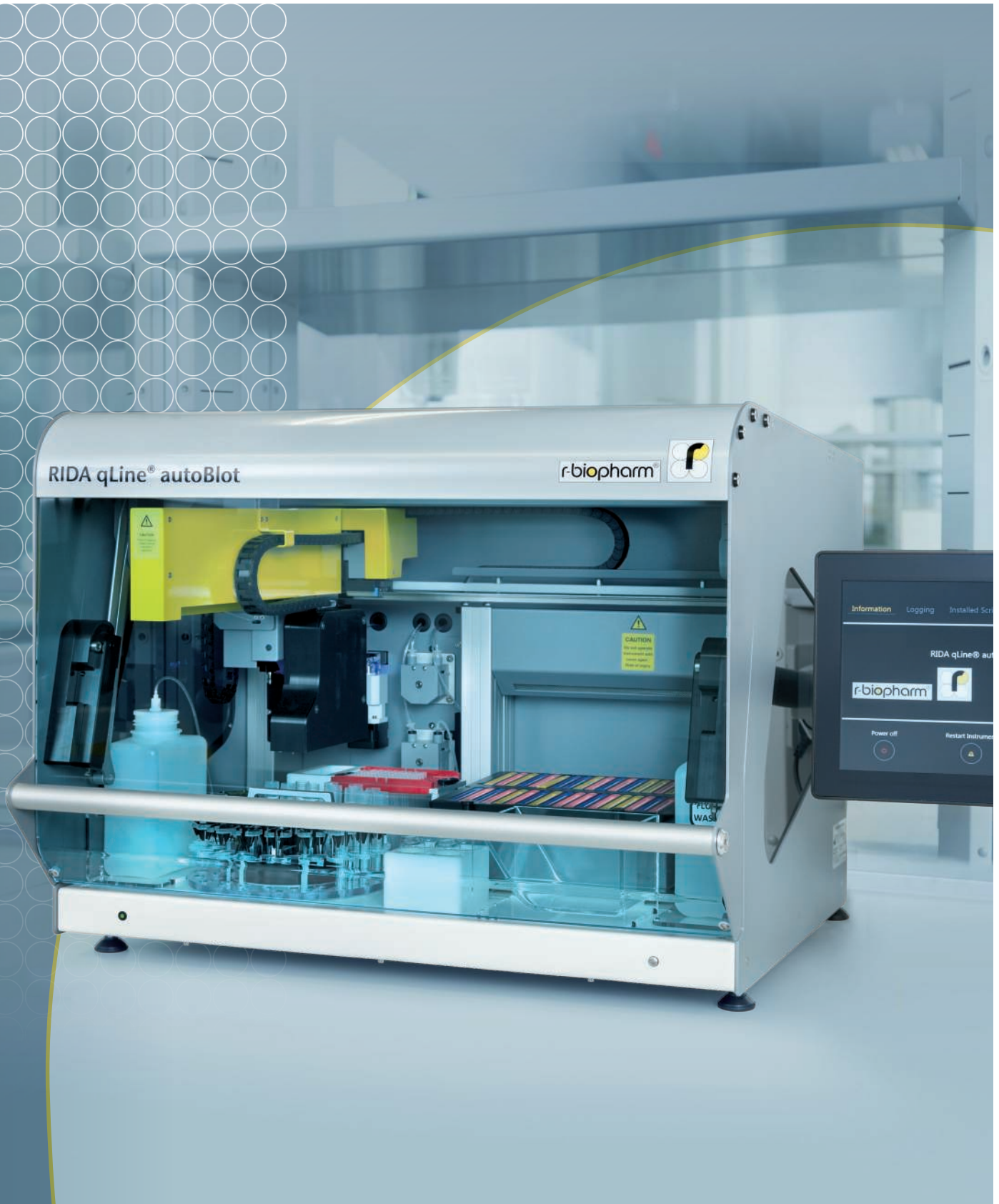




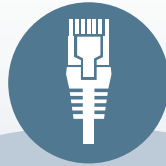
# RIDA qLine® autoBlot

Fully automated processor for allergy diagnostics



# The RIDA qLine® autoBlot in combination with the RIDA qLine® Soft is a fully automated processor for the RIDA qLine® Allergy membranes

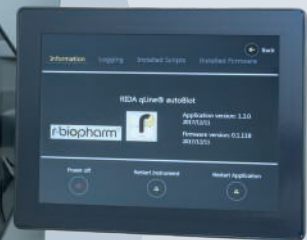
**LIS connection**  
for the management  
of the test results



**36 membranes**  
for processing 36  
samples per run



**Integrated fan**  
for drying the  
membranes



**Disposable tips**  
for pipetting of  
reagents and  
samples



**Integrated PC**  
with 12 inch touch  
screen monitor



**Barcode reader**  
for the detection  
of the sample

All parts can easily be removed for cleaning purposes except the barcode reader and the orbital shaker.

## How to work with the RIDA qLine® autoBlot

The RIDA qLine® autoBlot must be connected to a separate computer on which the RIDA qLine® Soft is installed over a network. The RIDA qLine® Soft is the centerpiece of the workstation responsible for creating the worklist and the evaluation of the measurements.

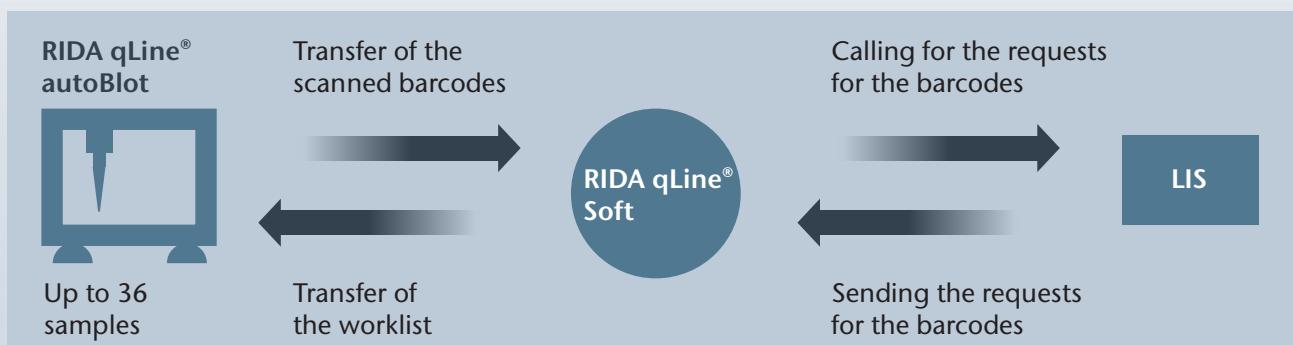
Up to 4 processors can be connected to the software and operated in parallel.

### 1. Connected to a LIS

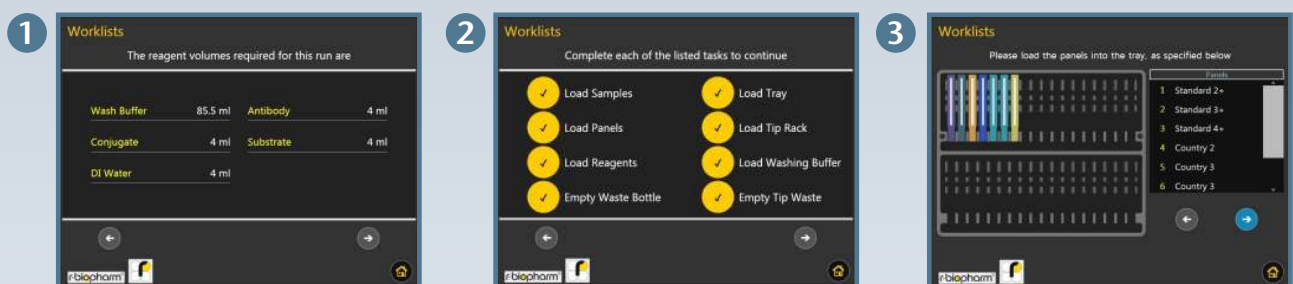
This device shows its high professionalism and user friendliness when connected to a Laboratory Information System (LIS).

#### Procedure

After entering up to 36 barcoded sample tubes randomly into the sample carousel of the RIDA qLine® autoBlot and pressing the start button, the detected barcodes are transferred to the RIDA qLine® Soft which calls for the requests to each barcode at the LIS, creates a worklist from it and sends it to the machine.



Immediately after receiving the worklist the run can be prepared by the user. The software shows the volumes of the reagents needed **1** and guides the user through all steps for preparing the run **2**. The allocation of the membranes according to the worklist is also displayed **3** in order to make the assembly of the tray with the membranes easy and safe.

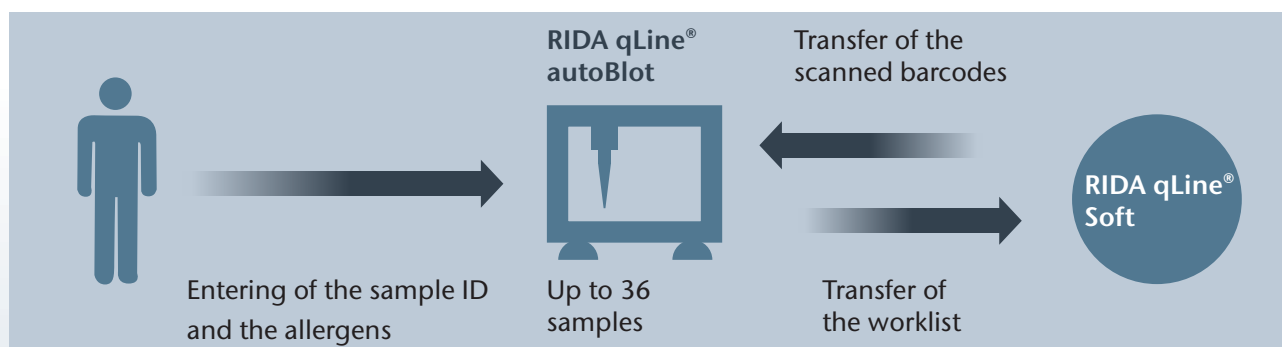


When the run is started the software shows the remaining time, the current time or the completion time **4**. The desired display can be chosen by the user.



## 2. Not connected to a LIS

If the user is not working with a LIS the RIDA qLine® autoBlot can also be used in combination with the RIDA qLine® Soft. The user first has to enter manually the tests which should be run into the RIDA qLine® Soft. Then the run can be started as described above.



## Consumables

The pipet tips and the glass vials for the reagents can be ordered at R-Biopharm:

- Pipet tips (Art. No. Z0013)
- Glass vials (Art. No. Z0011)
- Screw caps (Art. No. Z0012)

## Technical data

Instrument type	Fully automated bench top	Fuses	5A/250V UL approved – Ø 5 x 20 mm
Processing capability	1 to 36 samples per run	Dimensions	600 (H) x 620 (D) x 780 (W) mm
Processing time	Typically 3.5 hours for 36 samples	Weight	65 kg
Temperature control	PID under software control	Consumption value (energy)	400 W (max)
Processing volumes	10 µL to 1000 µL	Acoustic noise level (dB)	~ 60 dB
Dispensing mode & accuracy	Piston pump/peristaltic pumps: +/- 10 %	Electromagnetic emissions	Class A 30 MHz to 1 GHz
Software	Embedded software	Radiated field immunity	10 V/m 80 MHz to 1 GHz 3 V/m 1.4 GHz to 2 GHz 1 V/m 2 GHz to 2.7 GHz
Voltage & frequency	Electrical power source 100 to 240 V AC 10A 50/60 Hz		

Barcodes	JAN/UPC/EAN incl. add on, Codabar NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey Postal code: Chinese Post, Korean Postal Authority
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For further information please visit: [www.r-biopharm.com](http://www.r-biopharm.com)