



Saxo ID-Reader Centrifuge and Reader for ID-Cards

BIO-RAD



Saxo ID-Reader

Centrifuge and Reader for ID-Cards

Saxo ID-Reader, a combination of centrifuge and reader, is the ideal instrument if you require intelligent processing of your pipetted ID-Cards. Whether combined with a Bio-Rad pipettor or fully automatic device, Saxo will, with the help of IH-Central, decrease your manual workload and simultaneously increase security and traceability.

The screenshot shows the 'Result verification' window for user 'fisher'. It displays patient information (Wood, Oliver), sample ID (20104009), and test results for three wells (I, II, III). The interface includes a 'Sample comment' field, a 'Picture of microtubes' section, and a 'Result' section with dropdown menus for AB0, Phenotype, Rhesus-D, and Kell. Callouts point to various fields and buttons, explaining their functions.

- Test name
- Barcode of the ID-Card
- Sample identification or patient name
- Picture of microtubes (of the ID-Card)
- Comment field for the complete sample
- Comment field for the single well
- Confirm results/interpretations with one click
- Interpretation of the results*
- Results of each reaction*

* Results/interpretations by Saxo software. If authorized, the user can modify this (with audit trail in the database).

Supreme Security

The unique barcode on each ID-Card allows full traceability, including patient identification, test protocols performed, reading and interpretation of each ID-Card, and prevents errors such as the use of incorrect or expired ID-Cards.



Additional module available:
IH-Com

Objective and Standardized

Saxo proven software guarantees objective and standardized reading and interpretation independent of user assessment.

Flexible Data Management

Through the integrated software, the results/interpretations can be displayed, printed and sent to the LIS through **IH-Com**.

The database allows you to archive data and group or search it using different criteria, thereby ensuring the integrity of the allocated results.



Loading of ID-Cards

Quick and Easy

Simply load up to 24 ID-Cards and start the cycle. Centrifugation and ID-Card reading will take place automatically.



Reading of ID-Cards

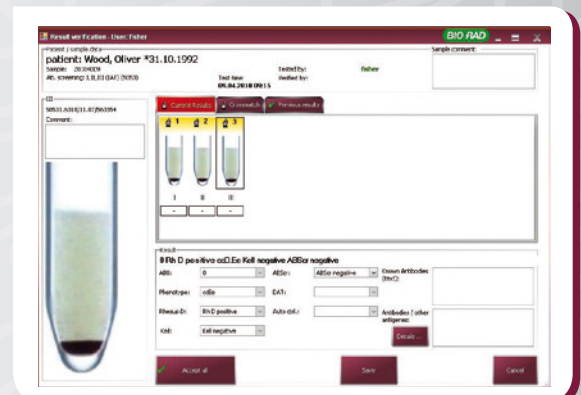
Customize or Extend

Saxo can be used in a stand-alone configuration or connected to any Bio-Rad pipetting system. This enables you to customize your laboratory according to your current and future requirements.

Validation and Control

A high resolution camera guarantees clear images that a user can examine in order to validate or even modify* results/interpretations reported by Saxo.

* Depending on authorization level with audit trail in the database.



Results validation

Specifications

Electrical Data

Voltage	100-230 VAC
Power fluctuation	± 10%
Transient overvoltage	category II
Frequency	50/60 Hz
Power consumption	max. 110 VA

Technical Data

Speed	910 rpm
Speed tolerance	± 5 rpm
RCF	85 g

Environmental Conditions

Operating temperature	18°C to 25°C (64°F to 77°F)
Operating humidity	5% to 80% rh
Altitude maximum	2,000 m

Dimensions

Width	540 mm
Height	380 mm
Height with lid open	760 mm
Depth	545 mm
Weight (centrifuge head included)	27 kg

Capacity

ID-Cards	24
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Emissions

Heat emission	50 W
Noise level	max. 45 dB(A)
Pollution level	2

Performance

Centrifugation time	10 min
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Reading time (24 ID-Cards)	< 4 min
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Cycle time (identification, centrifugation and reading of 24 ID-Cards)	< 15 min
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Main Features

- Centrifugation, reading and interpretation
- Positive identification
- High resolution camera
- Only one connection to the LIS through **IH-Com**
- Compact
- Complete traceability of tests, results and operator
- CE compliant according to IVD Directive 98/79/EC

Ordering Information

Catalog #	Description
009951	Saxo ID-Reader II
009010	IH-Com Kit for Reader

Visit www.bio-rad.com/immunohematology for more information.



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