



Banjo ID-Reader Single ID-Card Reader



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Banjo ID-Reader is an excellent choice if you require a quick, flexible and compact instrument to read your ID-Cards.

Banjo increases security, standardizes reading and reduces manual intervention. Furthermore, it is fully compatible with Bio-Rad instruments and IH-Central. It can also be used as a back-up system.



The screenshot shows the 'Result verification' window for user 'fisher'. It displays patient information: 'patient: Wood, Oliver *31.10.1992', sample ID '20104009', and test time '09.04.2010 09:15'. The interface includes a 'Sample comment' field, a 'Barcode of the ID-Card' area, and a 'Picture of microtubes (of the ID-Card)'. The main area shows 'Current Results' for three microtubes (I, II, III) with a 'Confirm results/interpretations with one click' button below each. The 'Result' section shows '0 Rh D positive ccD.Ee Kell negative ABSr negative' and various dropdown menus for 'ABO', 'Phenotype', 'Rhesus-D', and 'Kell'. A 'Comment field for the single well' is also present. At the bottom, there are 'Accept all', 'Save', and 'Cancel' buttons. Callouts point to these elements with the following text:

- 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 with Banjo 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

Banjo 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 allocated results.

Quick and Easy

Simply insert the ID-Card, close the cover and in an instant the results/interpretations are available.

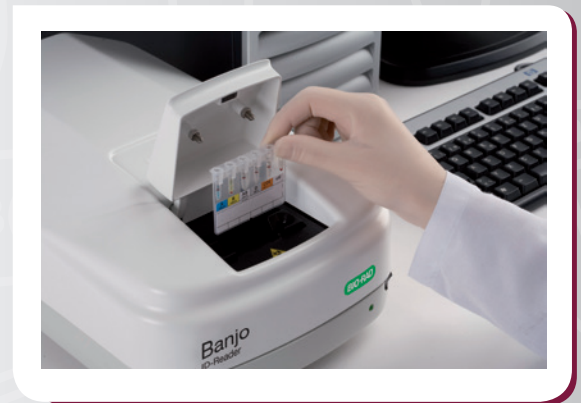
Customize or Extend

Banjo 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.

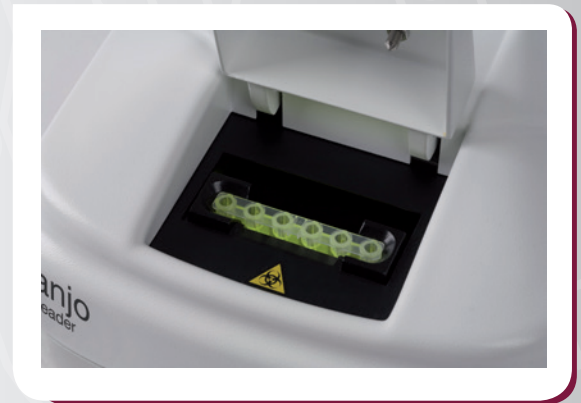
Validation and Control

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

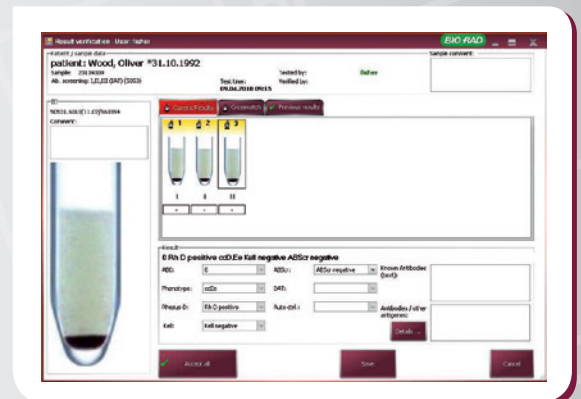
* Depending on authorization level with audit trail in the database.



Inserting an ID-Card



ID-Card reading



Results validation

Specifications

Electrical Data

Voltage	115-230 VAC
Power fluctuation	± 10%
Transient overvoltage	category II
Frequency	50/60 Hz
Power consumption	max. 25 VA

Environmental Conditions

Operating temperature	15°C to 35°C (59°F to 95°F)
Operating humidity	30% to 80% rh
Altitude maximum	2,000 m

Dimensions

Width	250 mm
Height	150 mm
Depth	390 mm
Weight	5.3 kg

Capacity

ID-Card	1
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Emissions

Heat emission	10 W
Noise level	max. 53 dB(A)
Pollution level	2

Performance

Reading time (1 ID-Card)	< 2 sec
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Main Features

- Reading and interpretation of ID-Cards
- Positive identification
- High resolution camera
- Only one connection to the LIS through IH-Com
- Compact
- Results/interpretations within seconds
- Complete traceability of tests, results and operator
- CE compliant according to IVD Directive 98/79/EC

Ordering Information

Catalog #	Description
009945	Banjo ID-Reader
009980	PC Unit
009010	IH-Com Kit for Reader

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



BIO-RAD

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Laboratories**

*Clinical
Diagnostics Group*

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