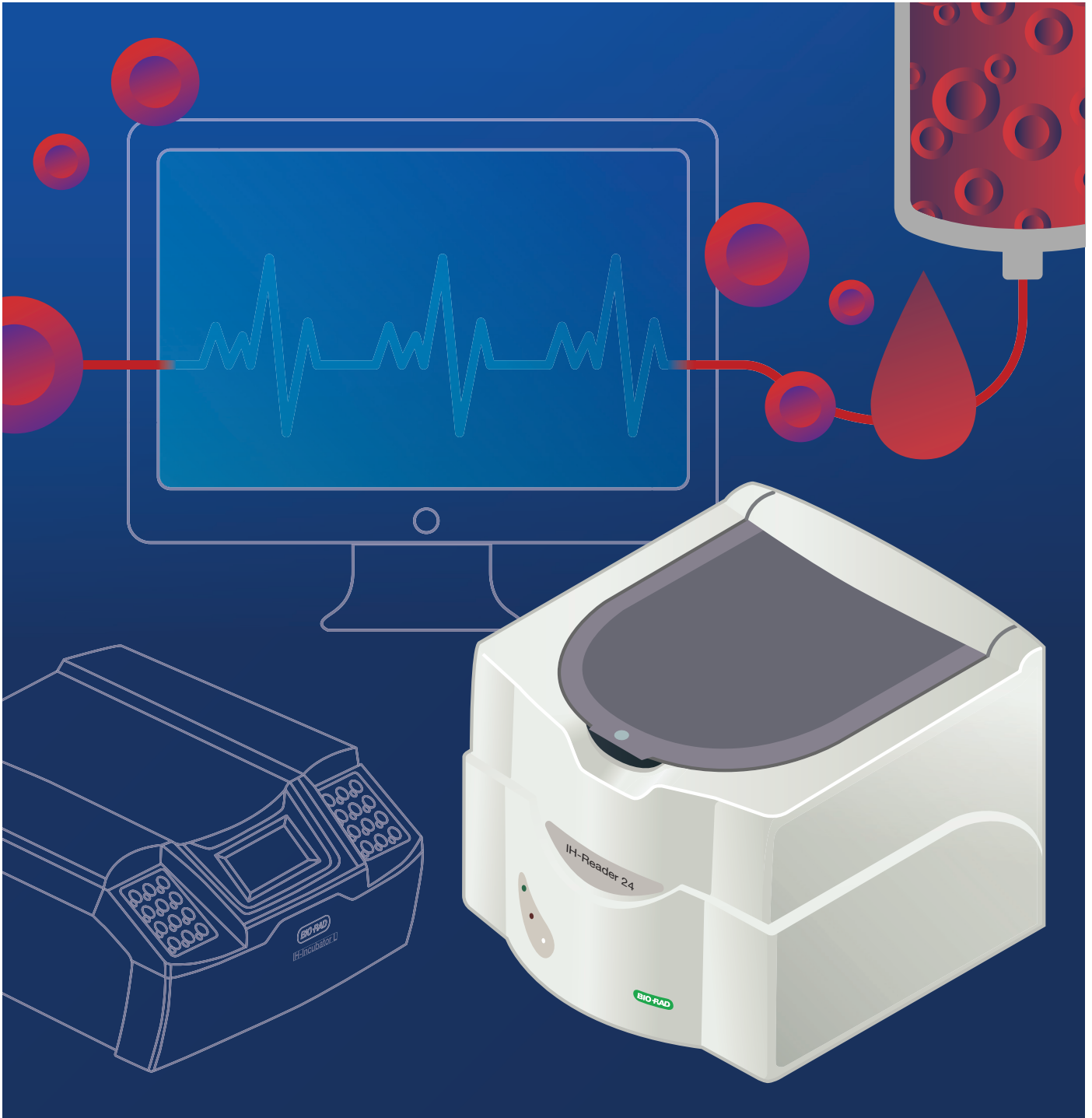


# IH-Reader 24

Centrifuge and Reader for IH-Cards

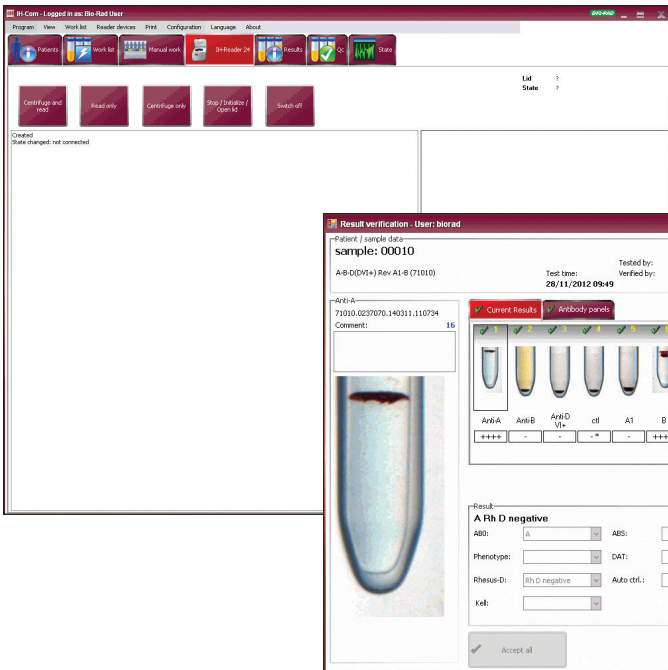


# Centrifuge and Reader for IH-Cards

The IH-Reader 24 is a centrifuge and reader for use with manually prepared Bio-Rad IH-Cards. The IH-Reader 24 can centrifuge and process gel images and perform result interpretation using the IH-Com Software. Results can be uploaded to an LIS or reviewed remotely using the IH-Web Software. This software and connectivity solution decreases the workload for laboratories requiring a semi-automated solution.



## Capture Data Electronically



The IH-Com Software allows you to bring together Bio-Rad software systems that help you improve performance, traceability, and control of your processes. Electronically capture reagent lot number, expiration dates, and patient and result information. Remain connected to your lab either in the office or remotely.



Use the IH-Com and IH-Web Software to manage results anytime from anywhere.



Build a scalable semi-automated solution by pairing the IH-Incubator L with the IH-Reader 24

## Semi-Automation

### Digital Image

The automated picture capture uses digital camera and image technology typically found in higher-end automation. The IH-Reader 24 is designed for sophisticated automation of IH-Card reading in a minimal footprint.

### Scale Your Laboratory

Measurably improve your day-to-day productivity over current manual processes. By pairing the IH-Incubator L with the IH-Reader 24, you can establish a complete and efficient manual solution. This setup also offers a great scalable option as a backup or supplement to any automated testing process.

### Computerized Results

By interpreting images and results, the IH-Com Software delivers semi-automation functionality to your lab. IH-Com Software increases your organization's capabilities to evaluate and run more varied testing, offer more services, or take ownership of outsourced testing.



## Beyond the Benchtop



### Full Traceability

Safety and quality management is possible through IH-Com Software. Using barcoding samples as well as IH-Cards, reagents, and quality control, data can be captured and traced. Gel card images and results eliminate transcription and translation errors and enable digital tracking and record keeping.



### Remote Connectivity

Review results remotely through the IH-Com and IH-Web Software to improve resource utilization and workflow for your valued technical personnel. Improve the speed of communication and analysis of results to give your lab a workflow advantage. Review data more efficiently by connecting several platforms to a single database.

## Specifications

### Electrical Data

Voltage	100-230 VAC
Power fluctuation	± 10%
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 max.	2,000 m (6,562 ft)

### Dimensions

Width	21.25 in
Height	15.0 in
Height with lid open	30.0 in
Depth	21.5 in
Weight (centrifuge head included)	59.5 lb

### Capacity

IH-Cards	24
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### Emissions

Heat emission	50 W
Noise level	max. 49 dB(A)

## Performance

<b>Centrifugation time</b>	10 min
<b>Reading time (24 IH-Cards)</b>	< 4 min
<b>Cycle time</b>	< 15 min

(identification, centrifugation, and reading of 24 IH-Cards)

## Main Features

- Semi-automated centrifugation, reading, and interpretation
- Positive identification
- Clear images from high-resolution camera
- Single connection to the LIS through the IH-Com Software
- Centrifuge and reader for a small compact footprint
- Complete traceability of tests, results, and operator
- FDA cleared for use with IH-Cards

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**BIO-RAD**

**Bio-Rad  
Laboratories, Inc.**

Clinical  
Diagnostics Group

**Website** [www.bio-rad.com/diagnostics](http://www.bio-rad.com/diagnostics) **U.S.** 1 800 224 6723 **Australia** +61 (2) 9914 2800 **Austria** +43 (0) 1 877 89 01 9 **Belgium** +32 (0) 3 710 53 00 **Brazil** +55 11 3065 7550 **Canada** +1 514 334 4372 **China** +86 21 6169 8500 **Czech Republic** +420 241 431 660 **Denmark** +45 44 52 10 00 **Finland** +358 9 804 22 00 **France** +33 (0) 1 47 95 60 00 **Germany** +49 (0) 89 31884 393 **Greece** +30 210 7774396 **Hong Kong** +85 2 2789 3300 **Hungary** +36 1 459 6190 **India** +91 124 4029300 **Israel** +972 03 963 6025 **Italy** +39 024 94 86 600 **Japan** +81 3 6361 7070 **Mexico** +52 (55) 5488 7670 **The Netherlands** +31 (0) 318 540 666 **New Zealand** +64 (9)415 2280 **Norway** +47 23 38 41 30 **Poland** +48 22 331 99 99 **Portugal** +351 214 727 700 **Republic of Korea** +82 080 007 7373 **Russia** +7 (495) 721-14-04 **Singapore** +65 6415 3170 **South Africa** +27 11 442 8508 **Spain** +34 91 49 06 580 **Sweden** +46 844 98053 **Switzerland** +41 (0) 61 717 9555 **Taiwan** +886 (2) 2578-7189 **Thailand** (662) 651 8311 **United Kingdom** +44 (0) 1923 471301

