



## IH-Reader 24

Centrifuge and Reader for IH-Gel Cards



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



## Capture Data Electronically



Using IH-Com 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, and patient and result information. Remain connected to your lab either in the office or remotely.



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



Build a scalable semi-automated solution by adding the IH-Incubator L

## 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-Gel card reading in a minimal footprint.

### Scale your Laboratory

Measurably improve your day-to-day productivity over current manual processes in a stand-alone system and add the IH-Incubator L for a complete manual workflow. Supplement automation as part of a scalable environment with a back-up method.

### Computerized Results

IH-Com software's interpretation of image and results delivers semi-automation functionality to your lab. IH-Com increases your organizations 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-Gel 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 IH-Com & IH-Web software to improve resource utilization and workflow for your valued technical personnel. Improve the speed of communication, and analysis of results, and 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 maximum.....	2,000 m

### Dimensions

Width .....	21.25 Inches
Height .....	15.0 Inches
Height with lid open.....	30.0 Inches
Depth .....	21.5 Inches
Weight (centrifuge head included) .....	59.5 Pounds

### Capacity

ID-Cards.....	24
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### Emissions

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

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## Main Features

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

## Performance

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



**Bio-Rad**  
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