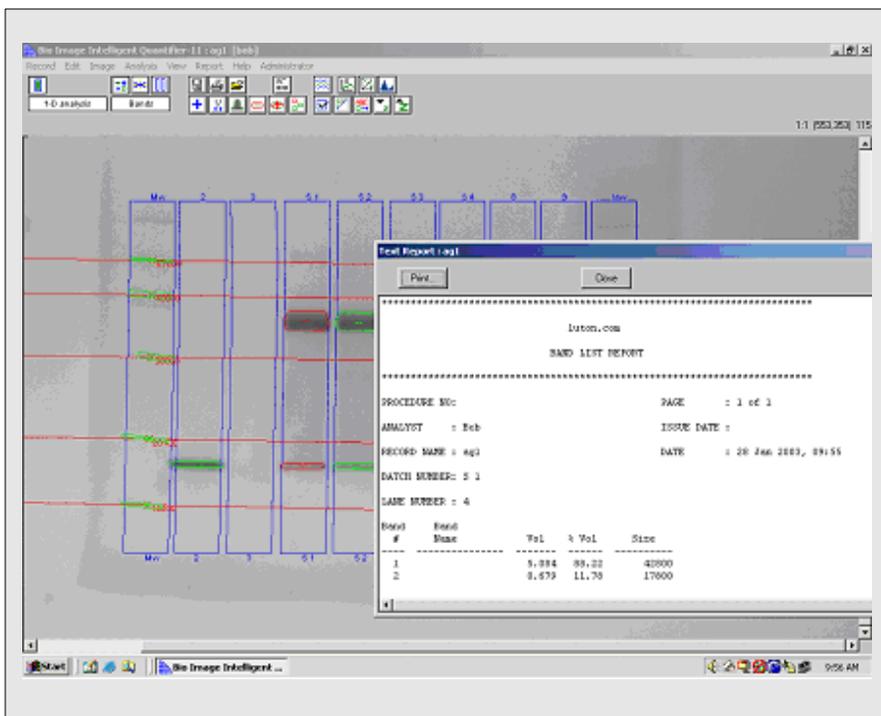


Intelligent Quantifier-11™ (IQ-11)

for Microsoft® Windows®



Intelligent Quantifier-11 for Windows is a software system for analyzing scanned images of 1-D electrophoresis separations. It is fully compliant with 21CFR Part 11.

Options:

- ◆ IQ/OQ
- ◆ Installation and Training
- ◆ Complete systems

The Software

- Analyzes images from wet gels, dry gels, and membranes
- Has a complete 1-Dimensional Analysis Package
 - ◆ Lane definition
 - ◆ Band detection
 - ◆ Mw/IEF standards
 - ◆ Dilution series (concentration standards)
 - ◆ Data reports
 - ◆ Image prints
- Allows users to edit all lanes and bands
- Includes an illustrator tool for adding text, arrows, boxes, circles, header

- and footer information fields onto an image
- Generates any number of fully customizable reports
- Allows user to define the analysis annotation colors and composition
- Includes comprehensive User's manual and on-line help

Fully 21 CFR Part 11 Compliant

- Not merely Windows login and password, but fully integrated logins, passwords, and record signings
- Signings to Acquire, Save Changes, and Report
- Optional comments for every signing
- User name and title on all data reports
- Analyst, Supervisor, and Administrator access levels
- Audit trails of all operations
- System audit trail

Interface to Excel® macros

- An easy-to-use template combines lane and band data with a Visual Basic processor to load any Excel® spreadsheet.
- Can report up to 20 appropriate loading errors, which are displayed both on the monitor and entered into the record's audit trail

1-Dimensional Electrophoresis Analysis

- Automatically detects lanes, finds bands, including irregularly shaped bands, i.e., biphasic bands, “smiling bands,” or saturated bands that are substantially wider than the rest of the lane
- Allows the user to vary band detection sensitivity to optimize performance to gel characteristics
- Automatically quantifies bands by defining actual band boundaries based on inflection point analysis
- Subtracts local background

- Provides side-by-side lane profile and band size/quantification comparisons

- Displays single lane density profiles or multiple overlay profiles

Standards

- Administrator created standards sets, specify interpolation method and values
- Three Mw/IEF interpolation methods: logarithmic, linear, and reciprocal
- Two Dilution interpolation methods: logarithmic and linear
- Custom methods can be added

System Requirements

IBM and compatible systems:

- Processor: Intel® Pentium® or AMD® Equivalent
- Hard Disk Drive: 100 GB (if storing images)
- Operating System: Windows 7 or Windows 10
- Memory: 2 GB minimum
- USB ports: 1
- Display Resolution: 1280 horizontal on a 14-inch screen

Ordering Information

Microsoft Windows for PC

Intelligent Quantifier -11
Catalog #300100

Available Options include:

Full image and analysis systems including compatible image acquisition devices, CPU, Monitor and printer.

To order, contact:

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721 Bloomfield, Jackson, MI 49203 USA

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Fax: +1.517.788.8869

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<http://www.bioimage.net>

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