



# QUICKSCAN TOUCH+

The next generation QuickScan Touch Plus densitometer now provides even more robust data management with the addition of a new SQL database format, a more powerful Windows 10 CPU and the optional use of a dedicated server for data handling. The optional Myeloma Module and the ability to coalesce data from multiple Helena systems, including gel or capillary, and the ability to import data from competitive systems when switching to Helena earn the Touch System the top spot in clinical electrophoresis.

### New Myeloma Tracking Module

Unify current and historical electrophoresis and supportive data into a single portal for interpreting, tracking and reviewing results from both SPIFE Gel and Nexus CE Systems.

### See everything in one place

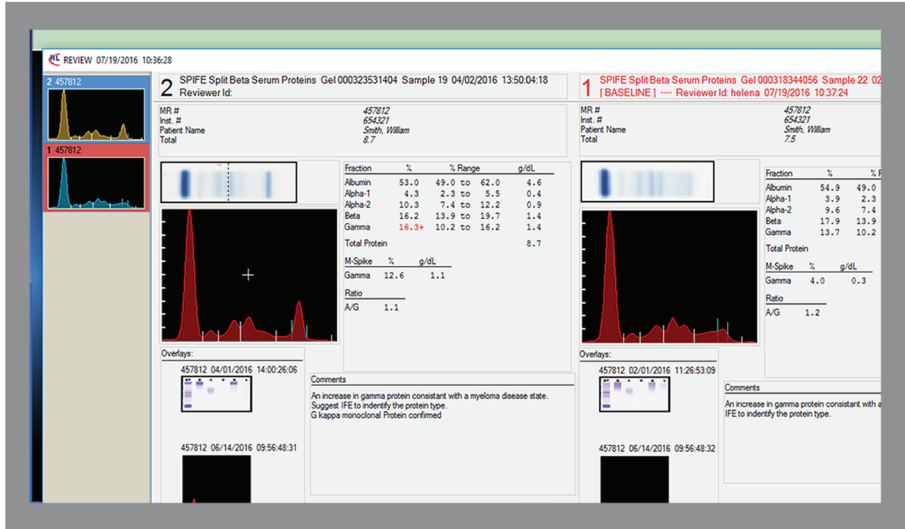
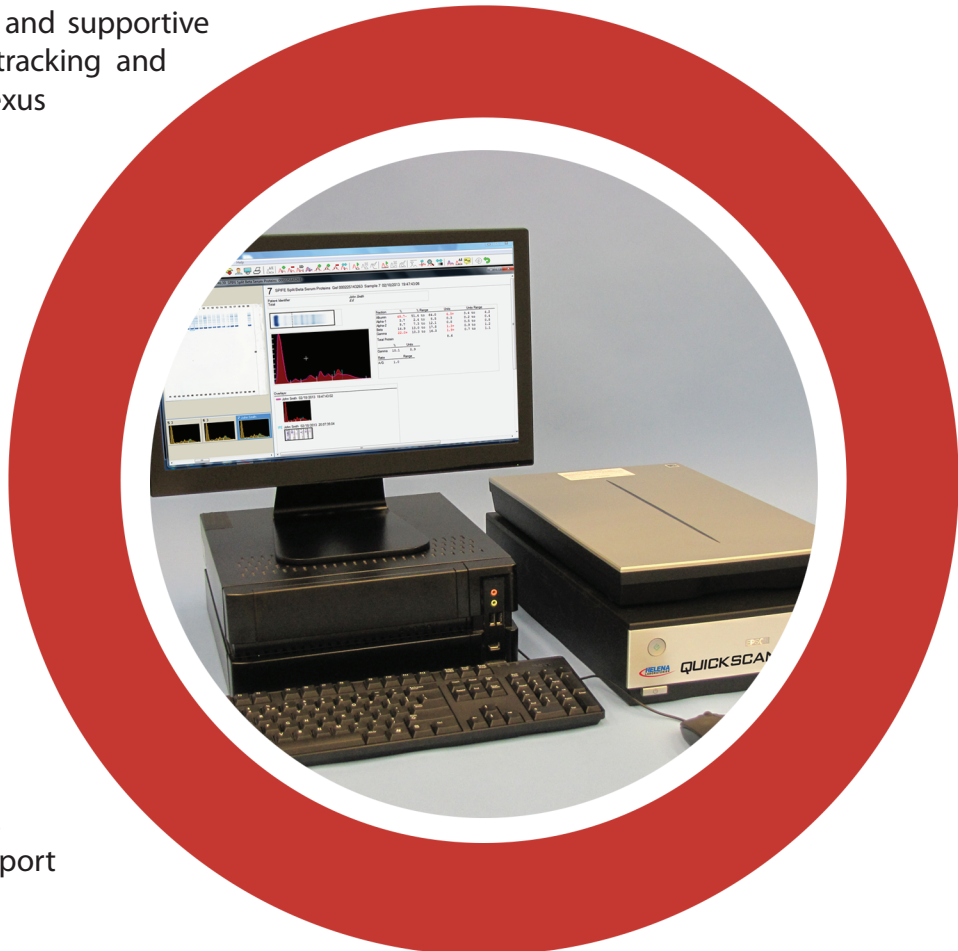
Each patient's current results are auto-paired with their previous data from a virtually unlimited data store. Available total protein, albumin, free light chain ratio and nephelometric data can also be incorporated for review.

### Scroll through to spot changes

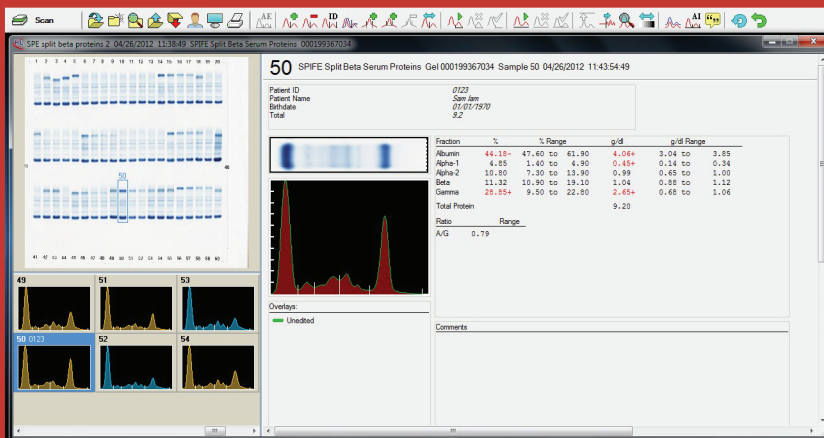
Reports are presented as scrollable thumbnails to quickly detect progression or regression of disease.

### Initial, review and release

Queues with ID audit trail are provided to collate initial results by the operator, reports awaiting review, and final results ready to report to the clinician.



*"A game-changer in long-term tracking of electrophoresis results."*



**High Def Touch Screen** – Sharper patterns and adjustable contrast and brightness enhance visualization of small bands. The touch screen makes for easy menu navigation, scanning and editing.

**New Reverse Image** – Invert the background of IFE images onscreen to create a “negative” view to enhance visualization and aid in interpretation.

**Easy M-Spikes** – Place cursor in the middle of the M-spike and the system auto delimits on either side. This provides greater consistency between users. Users can adjust marks.

**Auto Editing** – Quantitate split beta SPEs as one fraction or two and automatically edit cholesterol.

**User Access** – Set access for each user’s ability to edit patient info or scans, import or export, print, change setup or work list settings or change calibration. User IDs are stored with the scan.

**Auto Pairing** – Auto pair previous patient results for a specified test and date range and overlay up to two previous scans on current results.

**NEW! Composite Key Identifier** – Creates a unique identifier from two demographic fields, such as name and date of birth. Useful for tracking outside samples.

**Positive ID** – Barcoded gels allow positive ID from patient tube to final results. Using the Electrophoresis Sample Handler, QuickScan Touch can download worklists created from barcoded samples. Patient data can also be imported from LIS.

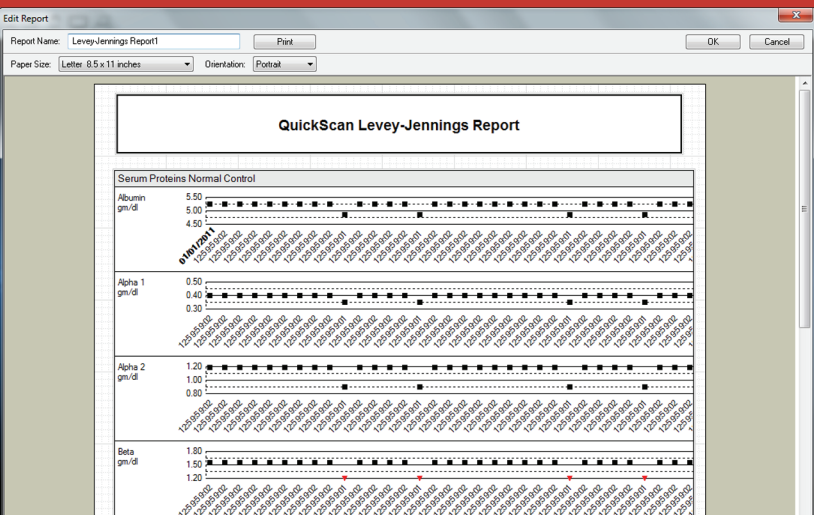
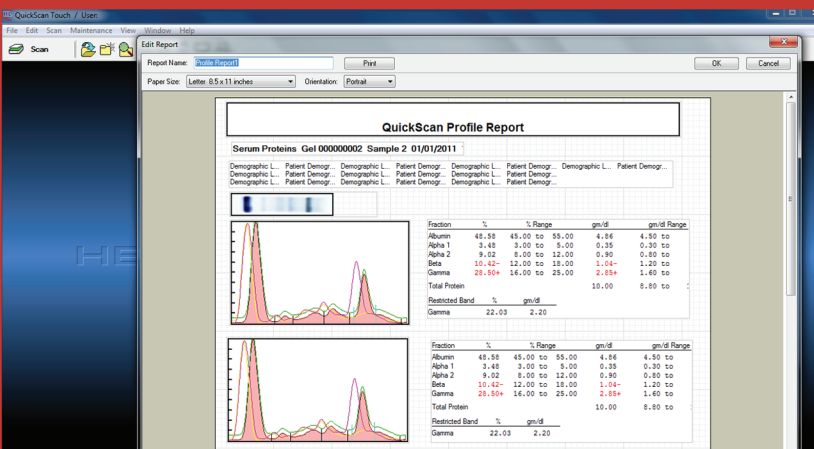
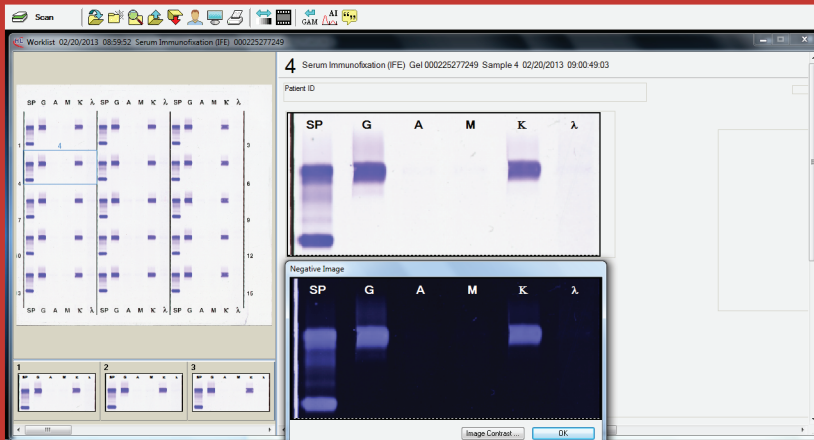
**Massive Data Storage** – Store all the demographics, tests, comments and customizable worklists you want. An optional server can handle the needs of even the largest laboratory.

**User-Defined Reports and Worklists** – Reports and worklists are completely customizable. Create a single-page report that includes one patient’s SPE and IFE with interpretation, or print up to 100-scan profile of the patient’s entire history – easily.

**Customized Interpretive Analysis** – Build your own decision limits and interpretive comments library, making reporting results a snap. Comments can be automatically added or coded for quick retrieval. Text can be easily amended.

**Network Capability** – Patterns can be reviewed and edited remotely over the LAN.

**Quality Control** – Touch the QC icon to set the QuickScan Touch in motion to scan a linearity step-tablet and neutral density control; Levey-Jennings plots are also available for easy evaluation of QC data.



# QUICKSCAN TOUCH+

## with Windows® Specifications

**Optics:** Flat-bed document scanner

**Scan Speed:** 100 samples in 12 seconds

**Scan Length:** From 0.01 to 221.5 mm

**Resolution:** 200, 400, 600, 800 1200 dpi

**Media:** Agarose gels and cellulose acetate (TLC with optional scanner)

**Gain Modes:** Automatic, manual

**Scan/Edit Features:** Auto/manual fraction selection, force fraction, reference overlay, baseline adjustment, delete area, auto M-spike demarcation, slice or skim quantitation, invert IFE image, zoom, auto edit for cholesterol profile.

**Automatic Data Analysis:** Analog curve (printed with or without reference overlay), fractions, relative % and/or units, integral count, one or two ratios, high and low out-of-range indicators, and total.

**Patient Demographics:** Unlimited user-definable demographic labels such as, Patient Name, Birth Date, Patient Age, Sex, Composite Key Identifiers, etc.

**Fraction Names:** Up to 10 labeled fractions; labels can be assigned on a scan by scan basis.

**Reference Ranges:** User-definable for total and each fraction, including ranges based on age and/or sex.

**Ratios:** User may define the ratio of any fraction to any other fraction or to the total.

**User Access:** Define privileges to edit, import, export, print, change setup or calibration. User data stored with scan.

**Comments:** Unlimited comments per patient.

**Microprocessor:** PC-compatible, Microsoft® Windows® 10 based operating system.

**Computer Interface:** RS232, XON-XOFF flow control and ASTM import protocols, remote editing and review of results.

### Electrical Specifications

**Input Power:** 120 Vac, 1000 Watts, 50/60 Hz, Grounded

### Physical Specifications

**(Height x Width x Depth)**

**Scanner:** ≤ 8x13x22 in (20x33x56 cm)

**Computer, Color Monitor & Keyboard:** 22x18x24 in (56x46x61 cm)

**Printer:** 10 x 14 x 14 in (25 x 36 x 36 cm)

**Total Weight:** 104 lbs (47 kg)

**Environment:** 15° to 27°C (59° to 81°F)



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