501RP+

DATA MANAGEMENT SOFTWARE FOR TOSOH'S CLINICAL HPLC AND IMMUNOASSAY SYSTEMS
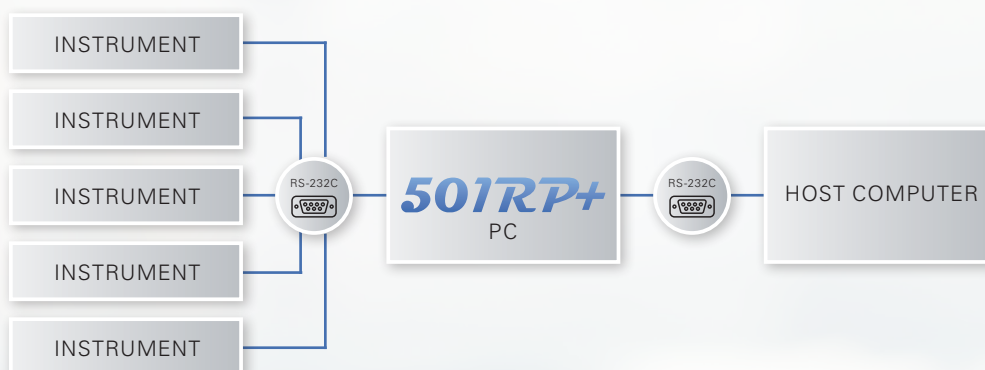
TOSOH BIOSCIENCE

OPERATIONAL FEATURES

CONNECTIVITY

- Connect up to 5 Tosoh instruments in bidirectional way with the 501RP+ desktop PC
- Connect Tosoh HLC-723G8, HLC-723GX, HLC-723G11, AIA-360, AIA-900, AIA-2000

DAILY CONVENIENCE

- Day-to-day activity check
- Colour-coded workflow status overview
- Analyte statistics
- Print results in flexible format
- Customizable Patient results chart
- Search functions on analysis mode/ type of instrument
- Manual validation

RESULT AND REAGENT MONITORING

QUALITY CONTROL FOLLOW-UP

- Levey-Jennings plots for QC result follow-up
- Selectable Westgard rules for in depth QC analysis
- Follow-up of all used QC material

TRACEABILITY

- Trace patient results back to the reagent lot number used for the analysis[*]
- Trace reagents towards expiry date[*]
- Trace maintenance and service interventions[**]
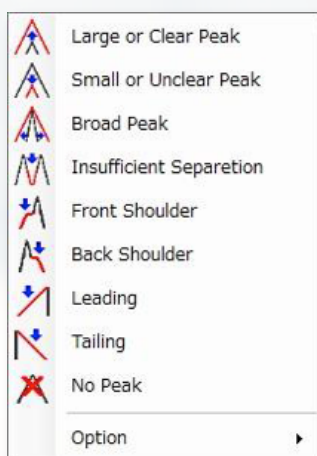

* For GX, G8 and G11 instruments only.
** Screen not shown.
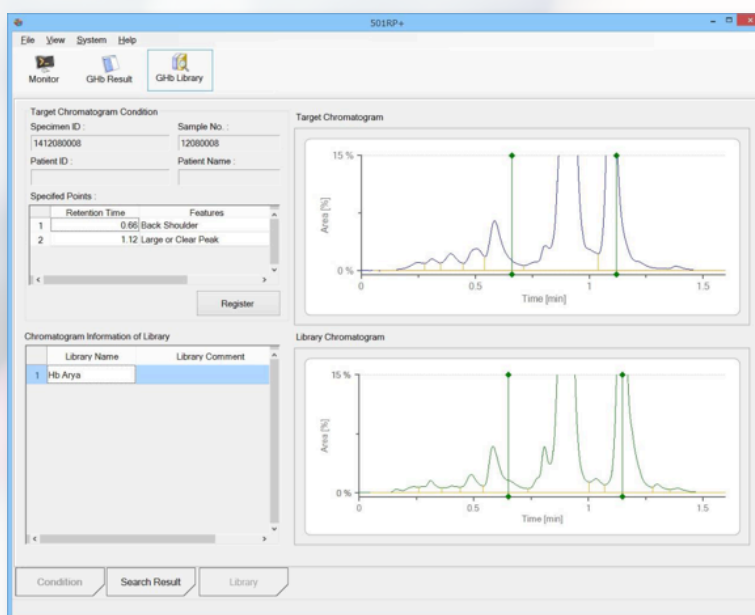
SPECIFIC FEATURES FOR
HLC-723®G8 AND HLC-723®G11

CHROMATOGRAM CHECK

- Adaptable
- Haemoglobin variant chromatogram database/library* featuring:
  - Overlays of known chromatograms
  - Haemoglobin chromatogram comparison tools in both HbA1c and ßThalassaemia mode
  - Haemoglobin chromatogram search based on peak elements (shoulders, tails, peak width)

- Chromatogram comparison

* The 501RP+ will compare chromatograms with similar results obtained previously.
For unambiguous positive Hb variant identification, DNA analysis should be carried out.
Feature available for G8 and to become available for G11 in the near future.

DATA HANDLING

DATA MANAGEMENT FEATURES

- Microsoft SQL server based database structure
- Realtime backup by realtime data mirroring on user definable location

SYSTEM REQUIREMENTS

- PC
  - Computer and processor: Intel Core i5 3GHz or faster processor
  - Memory (RAM): 8 (GB) or more
  - Hard Disk: 500 (GB) or more
  - Display: 1280 x 1024 or higher resolution monitor
  - Operating System: Windows 8.1 Pro/Windows 10 Pro
- USB-Serial converter: MOXA Uport1610-8

TOSOH