

CLINICAL SYSTEMS

# Selectra ProXL



SELECTRA PRO XL  
CHEMISTRY SYSTEM

*Delivering trouble free results Laboratories can trust*

## About ELITechGroup Clinical Systems...

ELITechGroup Clinical Systems is a global leader in BenchTop Chemistry Systems, with over 15,000 Chemistry Systems delivered.

Our mission is to enable better medical decisions by bringing high-value diagnostic solutions and services to laboratories that are closer to the patient (proximity laboratories).

ELITechGroup Clinical Systems leadership originates from our ability to continuously provide differentiated products and services focused to meet the needs of proximity laboratories. ELITechGroup Clinical Systems markets the Selectra Pro Series, designed to deliver trouble-free results laboratories can trust.



The Selectra Pro Series builds on the established robustness and reliability of the current Selectra systems, resulting from decades of proven experience in the design and manufacture of award winning BenchTop laboratory products.

Together with a dedicated range of ready-to-use reagents from ELITech Clinical Systems, the Selectra Pro Series provides an ideal chemistry solution for laboratories that are closer to the patient.

Over the past decades, the ELITech Group Companies have established a solid distribution network that operates world-wide. Thousands of customers have experienced the quality, convenience and reliability of ELITech products. Local support is provided by dedicated and well trained sales and service organizations.

Distributor contact information:

Content of this document is subject to change without prior notification.

### WORLDWIDE OFFICES

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## SPECIFICATIONS

### LANGUAGES

- English, Spanish and Portuguese, other languages on request

### DIMENSIONS AND WEIGHT (FLOORSTANDING)

- 117 x 115 x 80 cm  
(W x H x D excl. Monitor)
- 190 kgs

### ENVIRONMENTAL CONDITIONS

- Temperature: 15-32 °C
- Humidity 15 – 88% RH
- Altitude up to 2000m
- Plumbing – no dedicated watersystem or drain required
- Electrical
  - Voltage: 100 – 240 Vac
  - Frequency: 50 – 60 Hz
  - Power (max) :380 VA

### OPTIONS

#### DRY ISE MODULE

- Patented Solid State Electrode Technology
- Indirect Measurement
- Dilution 1:14
- Measures Sodium, Potassium, Chloride and CO<sub>2</sub>

#### BAR CODE READER

- Hand held CCD bar code reader  
(can read all common bar codes)  
used for test requisition and reagent identification

#### ECO KIT

- Enables separate collection of concentrated measurement mixture and dilute (wash) waste
- Option available for 20 liter waste and system fluid containers



SELECTRA PRO XL  
CHEMISTRY SYSTEM

Selectra ProXL™ is a trademark of ELItechGroup B.V

## Selectra ProXL System

The latest in the new Selectra Pro Series, the Selectra ProXL is the most productive and fully featured Selectra Pro System with an enhanced ergonomic design. New system features integrate the Touch-Screen Panel PC, improved reagent cooling and an optimized ISE module to deliver performance, space and productivity enhancements.

Together with a superior menu of ready-to-use stable-liquid reagents from ELITech Clinical Systems, the new Selectra ProXL System provides a state of the art, fully integrated chemistry solution for laboratories that are closer to the patient.

With random access and typical throughput of 400 tests per hour, the Selectra ProXL System is a compact, self-contained floor standing solution for primary, STAT or back-up testing. This new system offers minimal maintenance and efficient use of consumables to truly reduce operational cost.

Building on the successful Selectra Family, the Selectra ProXL Chemistry System offers an ideal solution of proven quality, performance and value to get the job done with results laboratories can trust, every time and on time.



- ✓ **Enhanced design** with integrated Touch-Screen, Peltier reagent cooling and Dry Electrode ISE Module
- ✓ **Productivity and error reducing capabilities** and error reducing capabilities including on-board PSID, Host query and programmable result checks
- ✓ **New features enhance performance**, with significant reduction in maintenance requirements, optimized state-of-the-art Dry ISEs and improved reagent cooling and onboard stability
- ✓ **New Annual ProActive maintenance kit** for costeffective preventative maintenance
- ✓ **Throughput & True Walk Away Capacity** The Selectra ProXL combines throughput with true Walk Away Capacity (up to 4.5 hours), bringing a much higher real throughput and productivity
- ✓ **Ideal platform for three reagent applications** which often require long incubation times.

## Simplified operations with growing line of liquid-stable reagents

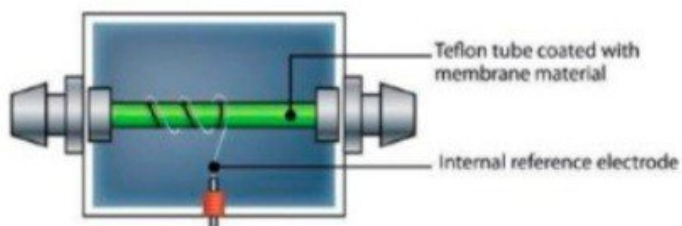
- ✓ Dedicated line of ready-to-use assays, with flexible packaging to fit small and medium laboratories
- ✓ Tied to proven methodologies, referenced and traceable to industry standards
- ✓ Standardized results across ELITechGroup Clinical Systems SELECTRA Family
- ✓ Ongoing commitment to develop new methods and enhancements

## Capability that improves lab operations



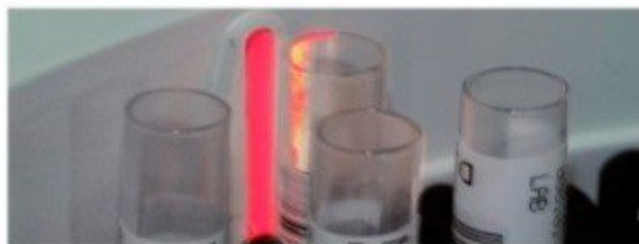
### Optimized with ELITechGroup Clinical Systems Reagents

When combined with the broad new ELITechGroup Clinical Systems test menu, the innovative system design increases the user-friendliness and efficiency of the Selectra ProXL. The enhanced reagent supply provides flexibility in reagent containers and increased on-board stability. Bar coded reagents streamline operations and reduces error. Optimum sized packaging further enhances efficiency.



### Integrated State of the Art Dry ISE Technology

Patented solid state electrodes can be left dry when not in use with only limited routine priming of ISE reference solutions. This reduces reagent consumption and improves cost effectiveness. The Selectra ProXL ISE design incorporates new control software and hydraulics which significantly enhances performance and reliability.



### On-board PSID and data management features

PSID is one of the most effective productivity and error reducing capabilities in modern laboratory operations. Together with advanced Selectra ProXL data management features like our host-query LIS interface, versatile barcode based PSID eliminates the tedious job of programming samples and error prone matching of sample positions. Tests can be auto-validated versus laboratory defined parameters improving walk-away operation and further increasing confidence in the results.



### New Designs to enhance performance, reliability, and reduce maintenance

- ✓ Improved level sensing and metering performance
- ✓ Improved reagent thermal control
- ✓ Longer life designs of key components reduces cost and cuts preventive maintenance service time in half
- ✓ Improved method performance for TP, Magnesium and ISEs
- ✓ Now available, a cost effective annual ProActive Maintenance Kit

## Superior Test Menu\*

<b>General Chemistry</b>	ALT/GPT, ALP, Amylase, AST/GOT, CK-MB, CK-NAC, GGT Plus, LDH-L Albumin, Bilirubin Direct, Bilirubin Total, Cholesterol, Cholesterol HDL, Cholesterol LDL, Creatinine, Glucose, Microprotein Plus, Total Protein Plus, Triglycerides, Urea UV, Uric Acid Calcium, Chloride, Iron, Magnesium, Phosphorus, TIBC
<b>Specific Proteins</b>	CRP, Haptoglobin, HbA1C, IgA, IgG, IgM, Microalbumin, Orosomuroid, Prealbumin, Transferrin
<b>Ion Selective Electrodes</b>	CO <sub>2</sub> , Chloride, Potassium, Sodium

\*Subject to regulatory clearance for some markets.

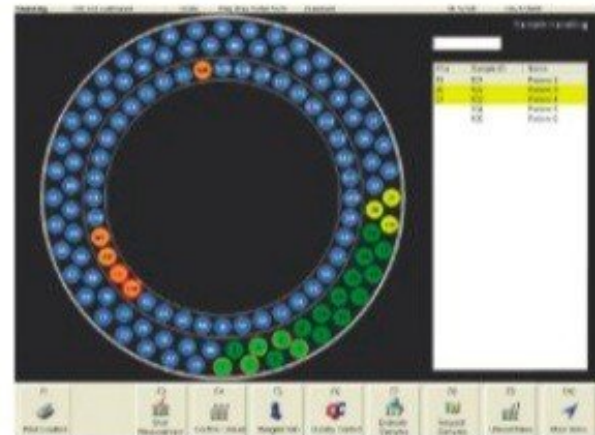
## Simplicity that drives productivity

### Taking software to the next level

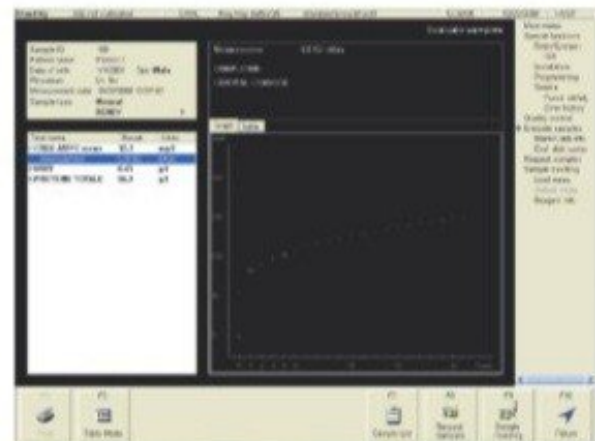
Selectra Pro Systems are known for their easy-to-use software. With touch screen operated design, the intelligent software significantly boosts laboratory productivity. All key operating areas such as patient, results, reagent, calibrator and control information are a touch away providing quick access.

The software enables inexperienced staff to operate the Selectra ProXL within an hour. Interactive routines lead the operator to the results quickly. Simplified operation delivers continuous productivity improvements, and reduces errors.

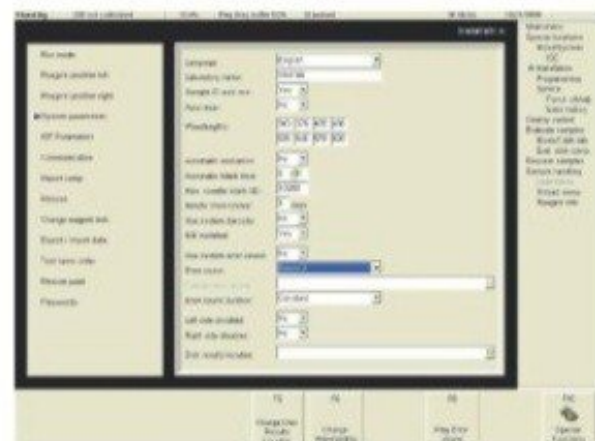
- ✓ Increased walk away time with auto validation of test results, automated re run option and automated results printing post sample processing
- ✓ Colour coded rotor positions for immediate visual availability and identification
- ✓ Shortcut function keys provide quick access to frequently used areas and helps to simplify daily workflow
- ✓ QC validation using Westgard rules with Levy Jennings plots, data can be accessed from stored archive
- ✓ Run priority STAT tests during a test run
- ✓ Results report layout can be selected from various options to suit your laboratory needs
- ✓ Test results stored in the archive, search results at any time with option to export archive data
- ✓ Minimal daily maintenance with option to automate and print key tasks
- ✓ Dedicated remote access software to help diagnose issues efficiently and decrease downtime



Load sample menu



Evaluate sample menu



System parameter menu