

## Welcome to the future of special protein analysis





**Optilite is the latest innovation in special protein testing, fully optimised to create simplicity from complex analytical processes**

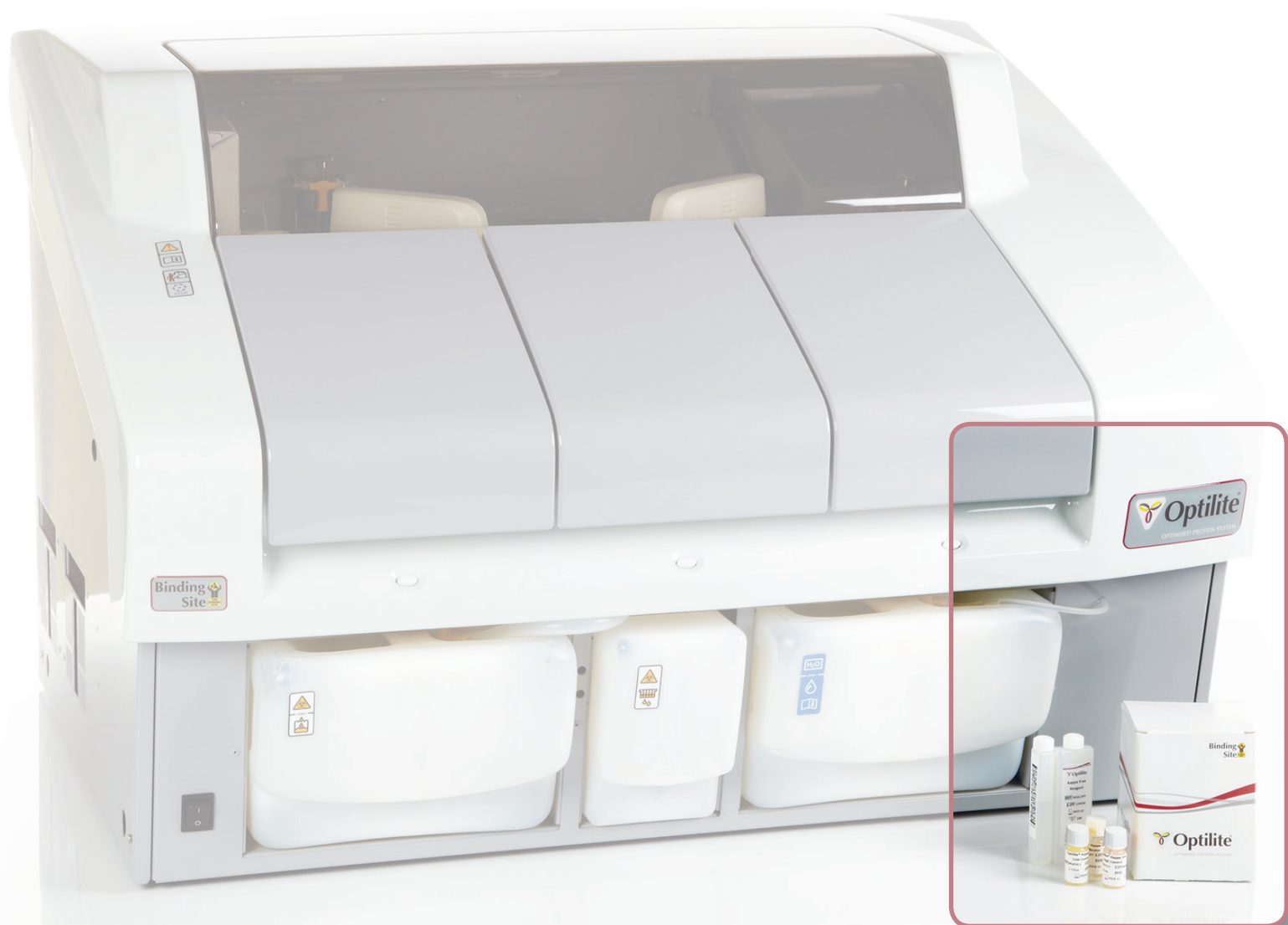
**Optilite will bring you a new level of:**

- Efficiency
- Workflow optimisation
- Confidence in results

With its custom design and advanced technology, Optilite delivers the ideal solution for your special protein laboratory. The analyser and assays work in perfect harmony, giving you complete peace of mind and the freedom to allocate your time more effectively.

**Work smarter,  
not harder**







## Optilite brings simplicity to complex processes

### Enhance your efficiency

Save time and reduce your costs with this easy-to-use, intelligent system.

- Boost your productivity with consistently reliable performance.
- Minimise your reagent usage through optimised assay protocols.
- Maximise your test throughput with continuous loading / unloading.
- Save space in your laboratory with this compact, self-contained design.



### Optimise your workflow

Streamline your workload for smart resource management and optimal productivity.

- Prioritise effectively with flexible, unrestricted access to samples, reagents and cuvettes.
- Minimise sample preparation time by loading any combination of sample tubes and fluid types.
- Simplify sample ordering and result analysis with automatic barcoded identification and full LIS connectivity.
- Eliminate manual sample dilutions since Optilite re-dilutes to end result.



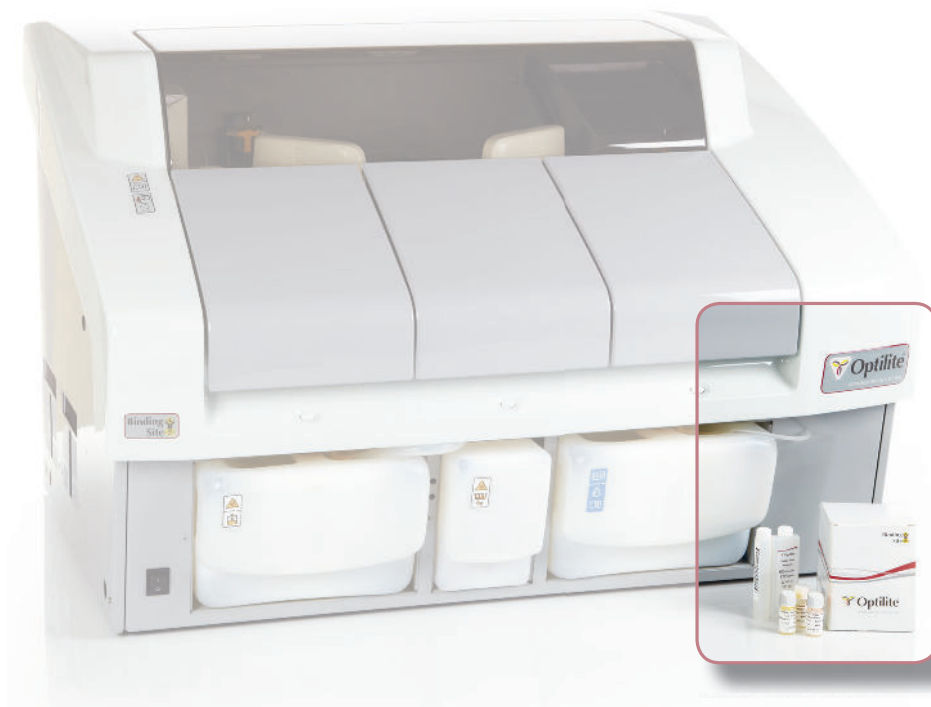
### Increase your confidence

Be sure that you will always provide the best possible special protein service.

- Trust your results with three methods of antigen excess detection providing unparalleled protection.
- Simplify data security through automatic lot number recognition and full traceability.
- Enhance your reputation by using the latest, most advanced special protein system available.
- Feel valued with dedicated technical and clinical support from special protein experts.



## The complete solution for your special protein needs



### The next generation of protein analysers

- Developed in response to your evolving needs, Optilite is the natural successor to existing protein analysers.
- Integrating powerful technology and intelligent software specifically designed for your modern laboratory.

### Compact, sleek and powerful

- Optilite will easily integrate into your laboratory with its discrete, self-contained design.
- No compromise in performance; consistent delivery of high quality, reliable results with an impressive throughput.



### Future proof

- Consolidate your current workload with a comprehensive assay menu on a dedicated platform.
- Ensure future success for your special protein service with Binding Site's commitment to on-going development and innovation.



# Technical Specification

## Physical Specifications

Dimensions: 37" / 940mm (W)  
27.6" / 700mm (D)  
24.4" / 620mm (H)  
Weight: 242lbs / 110kg

Power requirements: 100-240V  $\pm$  10%, 50-60Hz  
 $\pm$  5% 300W  
Water consumption: 2 L / hour

## Reagents

36 dual-reagent positions  
Continuous loading / unloading  
On-board cooling  
Level detection

## Samples

54 positions  
Continuous loading / unloading  
Auto-dilution and auto-rerun to end result  
Sample types: serum, plasma, urine, CSF  
Range of primary and secondary tubes,  
disposable cups  
Accepted barcodes: Code 128, Code 39, USS  
Codabar and interleaved 2 of 5  
Level detection

## Reaction Module

360 self-loading cuvettes  
Reaction temperature 37°C  $\pm$  0.1°C

## Optics

Wavelengths: 12 discrete  
Xenon lamp

## Software

Windows® 7 based software  
17 languages  
Levy-Jennings and Westgard QC monitoring  
LIS compatibility (RS-232C bi-directional  
interface)

## Maintenance

Minimum daily, weekly and monthly  
maintenance



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Head Office:  
The Binding Site Group Ltd  
United Kingdom  
Tel: +44 (0)121 456 9500  
info@bindingsite.co.uk

USA, Canada:  
The Binding Site Inc.  
USA  
Toll Free: 800 633 4484  
info@thebindingsite.com

Germany, Austria, Switzerland:  
The Binding Site GmbH  
Germany  
Tel: +49 (0)6202 9262-0  
office@bindingsite.de

France:  
The Binding Site France  
France  
Tel: 04.38.02.19.19  
info@bindingsite.fr

Spain:  
The Binding Site Spain  
Spain  
Tel: +34 934676539  
info@bindingsite.es

Czech Republic, Slovak Republic:  
The Binding Site s.r.o.  
Czech Republic  
Tel: +420 223 013 988-9  
info@bindingsite.cz

Belgium, Netherlands, Luxembourg:  
The Binding Site SPRL/BVBA  
Belgium  
Tel: +32 (0)3 242 88 21  
info@bindingsite.be

Italy:  
The Binding Site Italy  
Italy  
Tel: +39 035 0951500  
info@bindingsite.it



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