

# Phototron

## Semi-Automated Clinical Chemistry Analyser

### Innovative Life Solutions from Prestige Diagnostics

Prestige Diagnostics Phototron semi-automated Clinical Chemistry Analyser offers a Windows based software with a large LCD colour display, Clinical Chemistry and Turbidimetric assays with End Point, Two Point, kinetic and bichromatic assays.

- ♦ **Semi-automated**
- ♦ **6 Analytical modes**
- ♦ **160 programmable assays**
- ♦ **Real-time data saving**
- ♦ **Power off protection**
- ♦ **Windows operating system**
- ♦ **8 Wavelengths**



**Who are Prestige Diagnostics?...** Established in 2012 Prestige Diagnostics is a rapidly expanding, innovative primary diagnostics manufacturer based in the United Kingdom specialising in the manufacture, development and sales of a large range of clinical diagnostics and point of care products for a global market. Our product range is exported and marketed through an expanding network of distributors in 60 countries and growing. We are committed to supplying quality products to international standards.

For more information contact Prestige Diagnostics

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# Phototron Analyser Features and Specifications

|  |   |
|--|---|
| <b>System Description</b>              | Fully Open system with End Point, Kinetic, Two Point and Bichromatic assay possibilities                                    |
| <b>Performance Modes</b>               | Flow cell and cuvette modes available   |
| <b>Calibration Modes</b>               | Calibration modes available are: Standard with blank, Sample Blank, Linear and Non Linear curves with single or multipoint. |
| <b>Sample Types</b>                    | Serum, Plasma, Whole Blood, Urine, CSF with 2-30ul  |
| <b>Printer</b>                         | In-built printer  |
| <b>QC</b>                              | In-built QC programme – Westgard Multi rule, 3 level QC.  |
| <b>Operating System &amp; Hardware</b> | Windows operator system running on an embedded high speed processor.  |
| <b>Interface</b>                       | USB Mouse interface, RS232, CRT, RSTN, Keyboard, External printer   |
| <b>Lamp Type</b>                       | Halogen Tungsten lamp, 6V/10W, 1000 hours life  |
| <b>Lamp Optimisation</b>               | Lamp cut off to optimise lamp life  |
| <b>Wavelengths</b>                     | 8 Wavelengths: 340nm, 405nm, 500nm, 546nm, 578nm, 600nm, 670nm and one optional position.                                   |
| <b>Display</b>                         | Display is a Large LCD adjustable screen  |
| <b>Absorbance</b>                      | 0.000 – 3.000A with a 5nm bandwidth.  |
| <b>Flowcell</b>                        | 30ul quartz flowcell, 37°C temperature for reactions +/- 0.2°C.   |
| <b>Volume</b>                          | 200 – 3000ul  |
| <b>Cross Reactivity</b>                | </= 1% at 500ul, </= 1.5% at 300ul  |
| <b>Test Programmes</b>                 | 160 test programmes   |
| <b>Dimension</b>                       | 450mm (L) x 330mm(W)x140mm(H)   |
| <b>Weight</b>                          | 10 Kg   |
| <b>Power Supply</b>                    | 250 VAC +/- 10%, 50 – 60 Hz   |

**If you are interested in supply and distribution opportunities for Prestige Diagnostics Phototron Analyser or any other of our specialised diagnostic products, please don't hesitate to contact us.**



## Prestige Diagnostics

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