

COMECTA Microplate reader 2100-C

TOTALLY AUTOMATIC TOUCH SCREEN CONTROL.



APPLICATIONS

Clinical diagnostics. Quality control in food analysis, Haematology.

FEATURES

Bi-chromatic optical system with 4 wavelength selection: 405, 450, 492, 630 nm, (other filters from 405 to 700nm available).
 Memory for up to 500 programs, 10000 sample results and 1000 patients.
 Patient data software, laboratory personnel and analysis reports.
 100 typical analysis methods pre programmed.
 Capable of performing up to 12 different tests per plate.
 Calculations: ABS, Cut-Off, Curve fitting: regression, linear, logarithmic, exponential and potential.
 Measuring absorbance range: 0-2.5A
 Displayed absorbance range: 0-3.5A
 Accuracy: $\pm 1.0\%$ or $\pm 0.007 A$.
 Precision: $\pm 0.5\%$ or $\pm 0.005 A$.
 Linearity: $r > 0.995$.
 Resolution: 0.001 ABS (display); 0.0001 ABS (calculated).
 Measuring time: Continuous mode < 5 s, step by step mode < 15 s.
 Output RS-232 for download to a computer or a printer.
 Parallel printer interface.
 Programmable plate vibrating for mixing with control of time and speed.



CONTROL PANEL

LCD display (320 x 240 pixels) of 5.7 inches.
 Operating system WINDOWS CE.
 Operation by touch screen or optional "Mouse" control (mouse not included).

MODEL	Part No.	Height / Width / Depth (exterior) cm	Voltage	Weight Kg
2100-C	5109999	19 45 33	AC 110-250 V / 50-60 Hz	10

ACCESSORIES

Software for data transfer to computer. Part No. 5109997

COMECTA Microplate washer 2600-C

COMPLETELY AUTOMATIC. EASY TO USE. 50 WASH PROGRAMS.



APPLICATIONS

Clinical laboratories.
 Blood banks.
 Quality control food laboratories.

FEATURES

Wash head of 8 x 1. (12 x 1 optional).
 Plate wash by 12 x 8 strips or 8 wells/strip.
 Plate clean for flat, round and V bottom plates.
 Automatic wash and rinse processes.
 Reservoirs: 2 litre, wash solution.
 2 litre, waste, with liquid level sensor.
 Memory for up to 50 wash programs.
 Software control of head's depth adjust and horizontal position.
 Wash cycle times from 1 sec. to 2 hrs.
 Wash dosing range: from 50 to 2000ul.
 Dosing resolution: 5% CV (based on 350ul of distilled water)
 Residual volume (after aspiration):
 < 1 µl (Cells, bottom U and V well plates.).
 < 5 µl (Cells, bottom of flat well plate.)

CONTROL PANEL

LCD graphic display of 90 x 50mm
 Membrane key pad of 9 keys.
 Emergency stop button.



MODEL	Part No.	Height / Width / Depth (exterior) cm	Voltage	Weight Kg
2600-C	5110000	14 45 33	AC 110-250 V / 50-60 Hz	12