

MODEL 6051

LABORATORY COLORIMETER



- Easy to use
- Conventional style controls
- Ideal for routine & educational use
- Excellent sampling flexibility
- Mains or battery operated

The Model 6051 is a general purpose colorimeter, equipped with easy-to-use conventional style controls, making it ideal for routine and educational use.

Eight in-built gelatin filters are provided for use in commonly encountered determinations over the range of 400-710nm.

Results are displayed in either %Transmittance, Absorbance or Concentration units via a 17mm LCD readout.

Samples are presented to the 6051 in 10mm square cuvettes of standard or semi-micro volumes, test tubes, flow-through or pour in/suck out cells. Excellent sampling flexibility allows the use of 10, 20 and 40mm cells with the optional cell holder assemblies. Multiple sample handling is possible with the four cell carriage. A heated cell block is available for temperature dependent measurements.

An analogue output of 10mV per digit is fitted, as standard.

The model 6051 is very versatile in that it may be mains operated on 230 or 115V supplies, or battery operated from a 12V external supply.

e-mail sales@jenway.com

ACCESSORIES



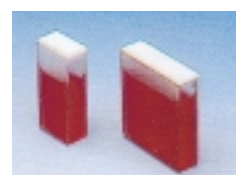
10x20mm cell holder
Order Code: 605 004



Heated cell block
Order Code: 605 007



Flow-through cell
Order Code: 035 025

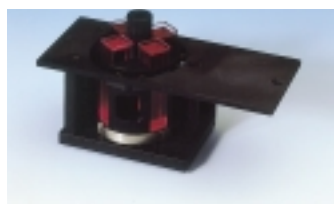


10x40mm glass cell
Order Code: 035 029

10x40mm cell holder
Order Code: 605 005

Pour in/suck out cell
Order Code: 035 026

10x20mm glass cell
Order Code: 035 056



4 position cell carriage
Order Code: 605 006
Ideal for multiple sample analyses. The cell carriage is designed for operation using standard 10mm cuvettes.

060 084

060 087

605 003

035 027

606 016

606 017

606 018

606 019

Alternative filters can be supplied to customer requirements.
Details on request.

Pack 100 (10mm) plastic cuvettes (3.5ml)

Pack 100 (10mm) plastic (1ml) semi-micro cuvettes

10x10mm cell holder

10x10mm glass cell

Filter - wavelength 400nm

Filter - wavelength 405nm

Filter - wavelength 540nm

Filter - wavelength 620nm

SPECIFICATIONS

Wavelength range	400-710nm
Wavelength selection	8 gelatin filters – 430, 470, 490, 520, 540, 580, 600 & 710nm
Ranges	0-100%T, 0-1.50Abs, 0.1-1000C
Resolution	1%T, 0.01Abs, 0.1 to 1Conc
Bandwidth	Typically 40nm
Blank drift	2%/Hr after 15 minutes
Photometric linearity	1%T
Light source	Tungsten filament
Display	2fi digit LCD
Output	Analogue 10mV per digit
Power	230/115V a.c. $\pm 15\%$ 50/60Hz
Size	300 x 355 x 120 mm
Weight	3Kg

ORDER CODES

605 001	Model 6051 supplied with 8 in-built filters, 100 disposable cuvettes, 10x10mm cell holder, mains lead and instruction manual. For use on 230V/50Hz
605 078	Model 6051 supplied with 8 in-built filters, 100 disposable cuvettes, 10x10mm cell holder, US line cord and instruction manual. For use on 110V/60Hz

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