



**Wolflabs**

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# JENWAY

## Colorimeters

Jenway colorimeters are ideal for routine basic colour measurements across the visible range of wavelengths from 400 to 710nm. The easy-to-use controls make also makes them suitable for use in education.

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# Colorimeters

## 6051 Bench Colorimeter

- Wide wavelength range from 400 to 710nm
- Ideal for routine and educational use
- Easy to use and conventional style controls
- Sample flexibility with many size options
- Mains or battery operated

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

Standard 10mm square cuvettes, semi-micro volume cuvettes, flow-through or pour in/suck out cells can all be used with the standard sample holder. Excellent sampling flexibility is achieved through the optional cell holder assemblies, allowing the use of 10, 20, and 40mm cells, whilst multiple sampling handling is possible with the four cell carriage. For temperature-dependent measurements a heated cell block is available.

### Technical Specification

Wavelength range	400 to 710nm
Wavelength selection	8 in-built gelatin filters: 430, 470, 490, 520, 540, 580, 600 and 710nm
Measurement ranges	0-100%T 0-1.50Abs 0.1 to 1000 Conc
Resolution	1%T, 0.01Abs, 0.1 to 1 Conc
Bandwidth	Typically 40nm
Blank drift	2%/hr after 15 minute warm-up
Photometric linearity	1%T
Light source	Tungsten filament lamp
Output	Analogue, 10mV per digit
Power	230V, 50Hz
Size (l x w x d)	300 x 355 x 120mm
Weight	3kg

### Ordering Information

Part Code	Description
605 001	6051 colorimeter supplied with 8 built in filters, 10x10mm cell holder, mains leads and plastic cuvettes (230V/50Hz)



6051

## Accessories



### Ordering Information

Part Code	Description
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605 003	10 x 10mm cell holder
605 004	10 x 20mm cell holder
605 005	10 x 40mm cell holder
605 006	4 cell carriage. Manual operation using 10x10mm cuvettes
605 007	Water heated cell block
606 016	400nm interference filter, 10nm bandwidth
606 017	405nm interference filter, 10nm bandwidth
606 018	540nm interference filter, 10nm bandwidth
606 019	620nm interference filter, 10nm bandwidth

**Alternative filters can be supplied - details on request**

## Cells and Cuvettes



### Ordering Information

Part Code	Description
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035 027	10 x 10mm glass cell
035 086	10 x 20mm glass cell
035 029	10 x 40mm glass cell
035 025	Flow through cell (visible) 1.8ml
035 026	Pour in/suck out cell
060 084	10 x 10mm 3ml plastic cuvettes (pack 100)
060 087	10 x 10mm 1.5ml plastic cuvettes (pack 100)
060 422	Moulded cuvette rack for 16 10x10mm cuvettes
605 064	Tungsten filament lamp