

Colorimeters

Digital Colorimeter

JENWAY

For routine colorimeter determinations over the visible spectrum.

- ◆ Eight in-built filters with thumb wheel selection
- ◆ Transmittance, absorbance and concentration modes
- ◆ Excellent sampling flexibility
- ◆ Mains or battery operated

The concentration ranges are electronically linearised and give fine and coarse control over absorbance readings. In this mode and using most methodologies, concentration becomes direct reading. Eight in-built filters are provided enabling use in commonly encountered determinations over the range 400 to 710nm. The filters are selected by a thumb wheel. Fitted with a recorder output.

Digital Colorimeter

As specified. Supplied with pack of 100 10mm, 3ml cuvettes, eight in-built filters, a cell holder for one 10mm x 10mm cuvette, mains lead and instructions. Power requirements as specified in table. With recorder output.

CT100-15 Model 6051

Cuvettes

CT102-05 10mm 3ml plastic, pack of 100

CT102-12 10mm 1.5ml micro, plastic, pack of 100

CT102-44 Glass cell 10mm x 20mm

CT102-46 Glass cell 10mm x 40mm

Interference filters

CT102-58 405nm

CT102-60 540nm

<i>Catalogue No.</i>	CT100-15
<i>Model</i>	6051
<i>Wavelength nm</i>	400 to 710 standard. Extendable from 400 to 800*
<i>Wavelength selection</i>	8 gelatine filters on a switched wheel. Peak wave lengths 430, 470, 490, 520, 540, 580, 600, 710nm.
<i>Bandpass</i>	Typical 40nm. Interference filters typically 10nm
<i>Ranges</i>	0 to 100% T 0 to 1.50 abs 0.1 to 1000 conc.
<i>Resolution</i>	1% T 0.01 abs 0.1 to 1 conc.
<i>Blank Drift</i>	2%/hr after 15 mins
<i>Photometric linearity</i>	1%T
<i>Readout</i>	2½ digit, 17mm high LCD
<i>Output</i>	10mV/digit analogue
<i>Light Source</i>	Tungsten filament
<i>Power</i>	230V 50Hz a.c., 12V d.c. external
<i>Overall mm</i>	300 x 355 x 120
<i>Weight kg</i>	3



CT100-15