



Jenway, Model 6051 Colorimeter

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

Measurements can be performed over the range of 400–710nm. Typical bandpass is 400nm. An analogue output of 10 mV per digit is fitted as standard. The 6051 is very versatile in that it may be mains operated on 230 or 115V supplies, or battery operated from a 12V external supply.

- Easy to use
- Excellent sampling flexibility
- Mains or battery operated

Cat. No.	Description	Price
220-028	Model 6051, digital colorimeter with 8 built-in filters, 100 disposable cuvettes and recorder output. Includes filters with peak wavelengths at 430, 470, 490, 520, 540, 580, 600 and 710nm.	POA

Accessories

Cat. No.	Description	Price	Cat. No.	Description	Price
220-031	Interference filter, 400nm Bandpass 10nm	POA	220-040	100x1 ml plastic semi-micro cuvettes	POA
220-032	Interference filter, 405nm Bandpass 10nm	POA	220-041	Flow through cell	POA
220-033	Interference filter, 540nm Bandpass 10nm	POA	220-042	Pour-in/suck-out cuvette	POA
220-034	Interference filter, 620nm Bandpass 10nm	POA	220-043	Pack of 100 plastic test tubes	POA
220-037	Heated cell block	POA	220-052	4 cell carriage	POA
220-015	500x10mm plastic cuvettes	POA	220-050	10x20mm cell holder	POA
220-014	100x10mm plastic cuvettes	POA	220-051	10x40mm cell holder	POA
			220-053	10x20mm glass cell	POA
			220-054	10x40mm glass cell	POA

WPA, CO7500 Colorimeter

The CO7500 colorimeter is designed with the simplest operation in mind.

- Unique "Round" design colorimeter
- 8 Integral filters
- Accepts small volume cuvettes

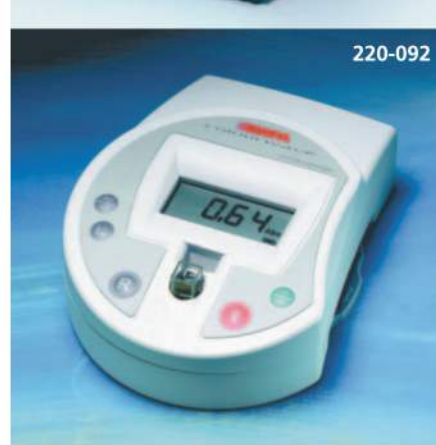
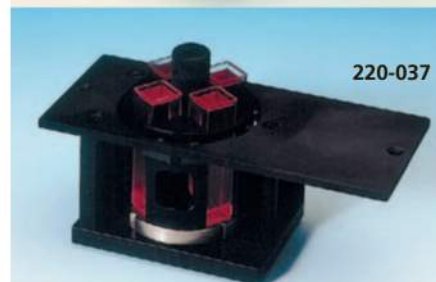
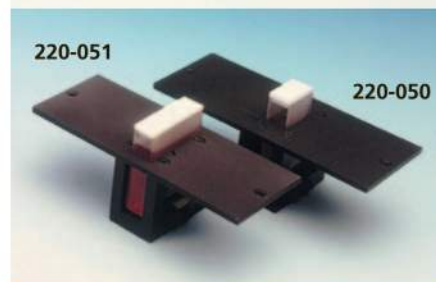
It has the ability to perform kinetics, taking readings every 3 seconds. The information can be output via the analogue or digital output sockets provided. Eight filters are housed within the instrument to prevent loss or damage and these may be exchanged if required, for other options including interference filters, if additional accuracy is needed.

A large clear display makes this instrument easy to use. The CO7500 is available in mains and battery/mains powered versions.

Specification

Wavelength range, nm	400–700 (440, 470, 490, 520, 550, 590, 680, 700nm)	Gelatin filters
Bandwidth, nm	40	
Display	Custom LCD	
Ranges	0–1.99 A/0–199.9%T	
Cuvettes	10x10 mm square cuvettes/10mm round tubes/ 12mm round tubes/ 16mm round tubes	
Accuracy	(using 10mm cuvettes) ±0.001A at 1A	
Repeatability	±0.002	
Modes	Spot readings/Kinetics	
Output	2x4 mm sockets 0–2V for 0–2A & RS232 digital	
Power	110 or 240V via mains transformer	
Weight, kg	0.5	

Cat. No.	Description	Price
220-092	Model CO7500, mains operated colorimeter, supplied with 1 set of 8 gelatin filters and starter pack of cuvettes	POA
220-093	Models CO7500B, mains or battery operated colorimeter, supplied with 1 set of 8 gelatin filters and starter pack of cuvettes	POA
Accessories		
220-095	Spare lamp	POA
220-094	Tube adaptors for 10 and 12mm test tubes	POA



Colorimeters



220-003 shown with 220-017

Jenway, Model 6030, Portable Colorimeter

The Model 6030 is a portable filter colorimeter with a digital read-out of % transmittance, absorbance (O.D.) and concentration. The unit is ruggedly constructed, water resistant and powered by internal batteries, making it ideal for use in the field or the laboratory. Eight hermetically sealed filters are provided for use over the range of 430–710nm.

- Sealed membrane keypad
- Optional RS232 interface
- Optional data logging facility enabling up to 240 results to be stored
- Filters supplied: 430, 470, 490, 520, 540, 580, 600 and 710nm

Specifications

Wavelength, nm	400 to 710	Sample system	10mm pathlength square cuvette, 22mm diameter round cuvette
Bandpass, nm	Typically 40	Output	RS232 (Data logging option only)
Ranges	0 to 100% transmittance, 0 to 1.50 absorbance, 0.1 to 1000 concentration	Light Source	5V 40mA tungsten bulb
Resolution	1% transmittance, 0.01 absorbance	Power	6x Ni/Cad rechargeable batteries
Blank drift	2%/hour after 15 min	Size, mm	210x200x100
Calibration	Automatic	Readout	3½ digit LCD with annunciators for mode and concentration units

Cat. No.	Description	Price
220-003	Model 6030 supplied with filters, rechargeable batteries, battery charger, disposable cuvettes, cuvette adaptor and instruction manual	POA
220-004	Model 6030 as above with data logging facility and RS232 interface	POA

Accessories

Cat. No.	Description	Price
220-014	10mm plastic cuvettes, square, pack of 100	POA
220-015	10mm plastic cuvettes, square, pack of 500	POA
220-016	22mm diameter glass cuvettes, pack of 12	POA
220-017	Carrying case	POA



220-055

Hanna, C200 Bench Colorimeter

Multi-parameter, bench top meter offering a combination of ion specific measurements. Readings are accurate, repeatable and shown in mg/L on a large, dual level LCD, with results free from errors due to visual colour comparison. Simple to use; simply zero the sample, add reagent and the meter will count down the required reaction time and show the result (which can also be downloaded to PC via an RS232 link). Powered by mains or 9V battery, making it suitable for laboratory or field use and supplied with 2 cuvettes, battery and power lead (reagent supplied separately).

Cat. No.	Description	Price
220-055	C200 Bench Colorimeter, with 2 cuvettes, battery and power lead	POA

Reagent Sets for use with C200 Colorimeter

Cat. No.	Test	Range	Method	Price	Cat. No.	Test	Range	Method	Price
220-067	Aluminium	0.00 to 1.00mg/L	Aluminon	POA	220-076	Iron HR	0.00 to 5.00mg/L	Phenantroline	POA
220-070	Ammonia HR	0.00 to 9.99mg/L	Nessler	POA	220-087	Iron LR	0 to 400µg/L	TPTZ	POA
220-056	Ammonia LR	0.00 to 3.00mg/L	Nessler	POA	220-064	Manganese HR	0.0 to 20.0mg/L	Periodate Oxidation	POA
220-071	Bromine	0.00 to 8.00mg/L	DPD	POA	220-089	Manganese LR	0 to 300mg/L	PAN	POA
220-057	Free Chlorine	0.00 to 2.50mg/L	DPD	POA	220-082	Molybdenum	0.0 to 40.0mg/L	Mercaptoacetic Acid	POA
220-066	Total Chlorine	0.00 to 3.50mg/L	DPD	POA	220-079	Nickel HR	0.00 to 7.00g/L	Photometric	POA
220-086	Chlorine Dioxide	0.00 to 2.00mg/L	Chlorophenol Red	POA	220-080	Nitrate	0.0 to 30.0mg/L	Cadmium Reduction	POA
220-078	Chromium VI HR	0 to 1000µg/L	Diphenylcarbohydrazide	POA	220-063	Nitrite HR	0 to 150mg/L	Ferrous Sulphate	POA
220-090	Chromium VI LR	0 to 300µg/L	Diphenylcarbohydrazide	POA	220-062	Nitrite LR	0.00 to 0.35mg/L	Diazotization	POA
220-058	Copper HR	0.00 to 5.00mg/L	Bicinchoninate	POA	220-084	Dissolved Oxygen	0.0 to 10.0mg/L	Winkler method	POA
220-088	Copper LR	0 to 990µg/L	Bicinchoninate	POA	220-065	pH	6.5 to 8.5pH	Phenol Red	POA
220-069	Cyanide	0.000 to 0.20mg/L	Pyridine-Pyrazalone	POA	220-072	Phosphate HR	0.0 to 30.0mg/L	Amino Acid	POA
220-077	Cyanuric Acid	0 to 80mg/L	Turbidimetric	POA	220-068	Phosphate LR	0.00 to 2.50mg/L	Ascorbic Acid	POA
220-081	Fluoride	0.00 to 2.00mg/L	SPADNS	POA	220-061	Phosphorous	0.0 to 15.0mg/L	Amino Acid	POA
220-075	Ca Hardness	0.00 to 2.70mg/L	Calmagite	POA	220-060	Silica	0.00 to 2.00mg/L	Heteropoly Blue	POA
220-074	Mg Hardness	0.00 to 2.00mg/L	Colorimetric	POA	220-085	Silver	0.000 to 1.000mg/L	Cadion 2B	POA
220-059	Hydrazine	0 to 400µg/L	Dimethylaminobenz.	POA	220-083	Zinc	0.00 to 3.00mg/L	Zincon	POA
220-073	Iodine	0.0 to 12.5mg/L	DPD	POA					