

# Colorimeters

## CO7000 Medical Colorimeter

### WPA

Designed for use by doctors and medical technologists in small to medium sized clinics and in the field.

- ◆ "Open" system accommodates both wet reagents and kits
- ◆ Easy operation via three buttons; reference, test and on/off
- ◆ Wavelength selection via 10 gelatine colour filters using a thumb wheel
- ◆ Accepts 10mm square or 16mm diameter round cells (also 10 and 12mm diameter tubes using accessory adapter set)
- ◆ Mains or rechargeable battery operation
- ◆ Tropicalised for field use in humid and hot environments

Catalogue No.	<b>CT520-60</b>	
Model	CO7000	
Wavelength	nm	400 to 700
Wavelength selection	nm	10 gelatine filters in a filter wheel 400, 440, 470, 490, 520, 550, 580, 590, 680 and 700
Precision	<math>\pm 0.05A</math> at 1A	
Repeatability	<math>\pm 0.02A</math> at 1A	
Range	Absorbance A Transmission T	-0.3 to 1.99 0 to 199%
Power	NiMH rechargeable battery or adapter requiring a 220-240V 50/60Hz supply	
Operating range	0 to +45°C up to 70% R.H.	
Overall L x W x H	mm	180 x 150 x 60
Weight	kg	0.6

### Medical Colorimeter CO7000

As described. Supplied with rechargeable battery, mains adapter for 220-240V 50/60Hz supplies, spare lamp and instructions.

**CT520-60** CO7000

### Accessories and Spares

- CT504-06** 10mm plastic cuvettes, pack of 100
- TE154-32** 16mm o.d. glass test tubes, pack of 150
- CT522-40** Spare lamp for CO7000
- CT527-14** 10mm and 12mm dia. tube cell adapters set

Disposable micro and semi-micro cuvettes – see CA305.



CT520 in use

## CO7500 Series Colorimeters

### WPA

Compact, robust, low-cost colorimeter for educational or quality control use.

- ◆ Straightforward operation using five push-button controls, colour filter wheel with 8 wavelength filters, and large, clear digital display
- ◆ Accepts 10mm square or 16mm diameter round cells (also 10 and 12mm dia. tubes using accessory adapter set)

Catalogue No.	<b>CT525-10</b>	<b>CT525-20</b>
Model	CO7500	CO7500B
Wavelength	nm	440 to 680 - both models
Wavelength selection	nm	8 gelatine filters in a filter wheel 440, 470, 490, 520, 550, 580, 590 and 680 - both models
Bandwidth	nm	40 - both models
Repeatability	<math>\pm 0.2A</math> at 1A - both models	
Ranges	Absorbance A Transmission T	-0.3 to 1.99 - both models 0 to 199% - both models
Kinetics	Yes - both models	
Outputs	Analogue Digital	0 to 2V for 0 to 2A and 0 to 1.99V for 0 to 199%T via 2 x 4mm sockets - both models RS232 - both models
Power	Adapter requiring a 220-240V 50/60Hz supply	NiMH rechargeable battery or adapter requiring a 220-240V 50/60Hz supply
Overall L x W x H	mm	180 x 150 x 60 - both models
Weight	kg	0.5      0.6

### Laboratory Colorimeters CO7500 series

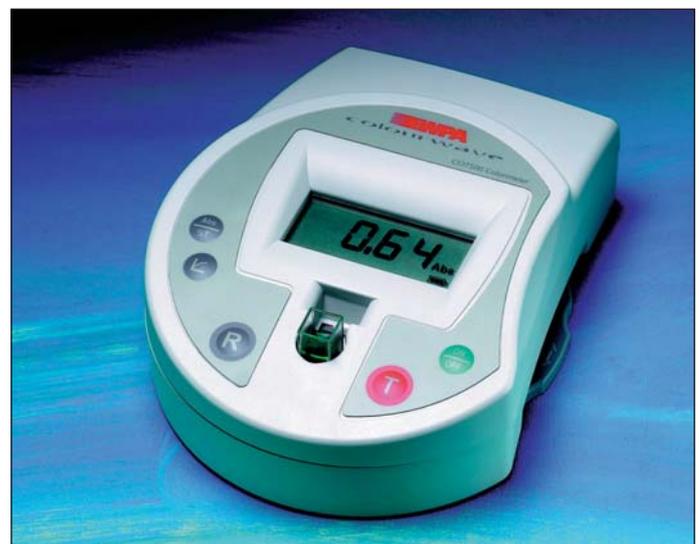
As described. Supplied with pack of 10 x 10mm plastic cuvettes, RS232 and 2 x 4mm analogue outputs, mains adapter and instructions. CO7500B additionally has a built in rechargeable battery, charged via the mains adapter. For 220-240V 50/60Hz single phase supplies.

**CT525-10** CO7500 mains

**CT525-20** CO7500B rechargeable battery

### Accessories and Spares

- CT504-06** 10mm plastic cuvettes, pack of 100
- TE154-32** 16mm o.d. glass test tubes, pack of 150
- CT527-06** Spare lamp for CO7500 series
- CT527-14** 10mm and 12mm diameter tube cell adapters set



CT525