



## Biochrom WPA C07500 Colorimeter

biochrom

The WPA C07500 colorimeter is a value for money instrument. It is compact, lightweight and ergonomically designed to withstand student use! This makes it ideal for use in busy teaching laboratories. The large display is easy to read and the instrument is simple to both set up and use, giving rapid results. The samples can be measured in either standard or semi micro 10mm pathlength cuvettes or in 16mm diameter test tubes.

- Measures absorbance, % transmission and simple kinetics
- Eight filters (440, 470, 490, 520, 550, 580, 590 and 680nm) encased in a filter wheel
- Rechargeable battery version available
- Rugged, portable and easy to use

| Specifications                 |  |
|--------------------------------|--|
| Type                           | Visible                                    |
| Wavelength Range, nm           | 440 - 680                                  |
| Lamp Source                    | Tungsten halogen                           |
| Beam                           | Single beam                                |
| Optical System                 | Filters                                    |
| Bandwidth, nm                  | 40   |
| Detector                       | Diode                                      |
| Photometric Range              | -0.3 to 1.99A, 0 - 199%T                   |
| Photometric Accuracy, A        | <±0.05 at 1A using neutral density filters |
| Photometric Reproducibility, A | 0.02 at 1A in 10mm cuvette                 |
| Stray Light, %T                | <1 at filter wavelength                    |
| Measurement Type               | Fixed wavelength (Abs/%T), kinetics        |
| Cell Compatibility             | Cuvette 10mm                               |
| Cell Holder                    | Single cell                                |
| Data Interface                 | Serial, analogue                           |
| Power Requirement              | 110-220V, 50/60Hz, 20VA                    |
| Weight, kg                     | 0.6  |
| Dimensions, w x d x h, mm      | 150 x 180 x 60                             |

| Code    | Alt Ref    | Description      | Price   |
|---------|------------|------------------|---------|
| COL3410 | 80-3000-43 | Mains only       | £591.00 |
| COL3412 | 80-3000-44 | Battery or mains | £708.00 |

## Accessories

| Code    | Alt Ref    | Description                     | Price   |
|---------|------------|---------------------------------|---------|
| COL3414 | 80-3000-59 | Spare lamp                      | £107.00 |
| COL3416 | 80-3000-58 | Spare filter set                | £195.00 |
| COL3418 | 80-3000-57 | Adaptor set for 10 & 12mm tubes | £42.00  |