

# General Information

Today's spectrophotometer users expect a complete and integrated system which eases sample handling tasks, accurately measures samples and delivers quality results quickly and easily. The DU® Series 600 and 7000 spectrophotometers were developed to satisfy these expectations. These are the instruments that are setting a new standard in spectrophotometry. The window-oriented user interface with full mouse support provides a friendly environment and drastically reduces learning time while increasing productivity. With all this, the system may reintroduce another lost element to your work...enjoyment.

## Technical Specifications

|                             |                                       |
|-----------------------------|---------------------------------------|
| Operating Temperature       | 15° to 40°C                           |
| Wavelength Range            | 190 – 1100 nm                         |
| Wavelength Setability       | 0.1 nm increments                     |
| Wavelength Accuracy         | ± 0.2 nm                              |
| Wavelength Repeatability    | ± 0.1 nm                              |
| Spectral Bandwidth          | ≤ 1.8 nm                              |
| Photometric Readout         | -0.300 to +3.000 A or 0.0 to 200.0% T |
| RMS Noise                   | < 0.0002 A RMS                        |
| Stray Light                 | < 0.05% T                             |
| Stability                   | < 0.003 A/hr                          |
| RMS Baseline Flatness       | ± 0.001 A                             |
| Scanning Speeds             | 120, 240, 600, 1200, 2400 nm/minute   |
| Data Collection Rate        | 20 samplings/second                   |
| Dimensions (W x H x D)      | 69 x 61 x 53 cm (27 x 24 x 21)        |
| Temperature Operating Range | 15° to 40°C                           |
| Power Requirements          | 120VAC, 50/60Hz                       |