

Meters • Dose Control Meter

Model DCS 2.0

Controls Dose and Time Modes for SPF
Testing and In Vitro Pre-Irradiation



Applications

- SPF and Pre-irradiation Testing
- PV Cell Testing
- Materials Testing

Features and Benefits

- Fast Starting with
- Less Keystrokes
- Visual Fault Indication and Auto Stop Feature
- 7" Touch Screen
- PMA Sensor Compatible
- Accurate Dose Control

The DCS 2.0 is a portable Dose Controller and Meter. Compatible with existing PMA intelligent sensors, it measures the spectral response following the Erythema Action Spectrum and UVA spectrum to allow accurate dose control when measuring SPF values or the pre-irradiation step during in vitro testing. Easy to use, it dramatically cuts down the number of key strokes required to set up and run a test when compared with other measuring devices. In the event of a fault arising during a run cycle, the DCS 2.0 also provides a visual fault indication and automatically closes down the simulator, saving time and reducing the chance of false reporting.

The touch sensitive screen allows the user to follow intuitive menus to set up a complete range of tests in half the time! Following the same logical pathways of its treasured predecessor, the DCS-1, this unit now presents the state of the art methodology required in the busy testing laboratory.

| Specifications | |
|-----------------------|---|
| Power Supply | 84-250VAC |
| Sensor Inputs | 2 |
| Display | 7" Touch Screen |
| Operating Environment | 32 to 120 °F (0 to +50 °C) No Precipitation |
| Width | 9.5" (241mm) |
| Height | 3.5" (89mm) |
| Depth | 8.5" (216mm) |
| Weight | 2.1 lbs. (930 g) |
| Ordering Information | |
| DCS 2.0 | Dose Controller/Meter |
| PMA2101 | PMA2110 for 16S, LS1000 |
| PMA2103 | PMA2113 for 601-150/300 |
| PMA2105 | PMA2114 for Beam Splitter |
| PMA2108 | PMA2118 for 601v2.5 |

U.S. Pat. 5,946,641 and U.S. Pat. 5,790,432

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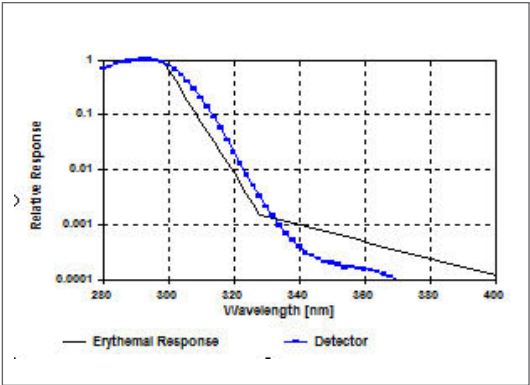


Fig. 1. Model DCS 2.0 Erythema Action Spectrum

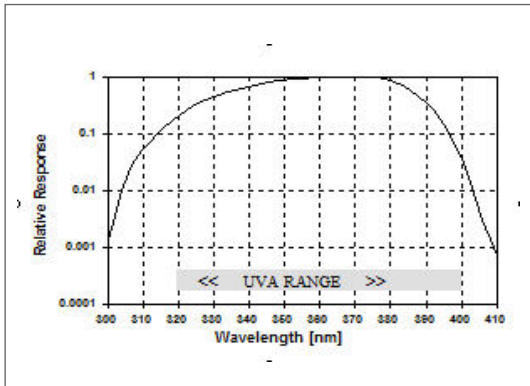


Fig. 2. Model DCS 2.0 UVA Spectrum