DTP94

Precision Calibration for CRT and Flat Panel Displays

Specifications

Suitable for LCD & CRT
Yes

Measuring Functions
CIE-XYZ

Receiver (XYZ)
4 detector (XYZ)

Spectral Range
400-700nm

System Response
CIE 1931

Dynamic Range
.05-500 nits (CRT)
.05-1000 nits (LCD)

Measuring Aperture
(totalized DIA) 4.4 mm

Measurement Error Luminance
(+/- percentage) 4
(worst case display) [L>= 10 nits]
Chroma (x y) .003 (CRT) .005 (LCD)

Inter-instrument Agreement
Chroma (xy) .003 (CRT)
.005 (LCD)

Linearity
(+/- percentage over range)
1.5

Power / Communication Interface
USB powered

Measurement Time
< 4.1 seconds

Dimensions
64 x 89 x 41

Weight
120 grams

Temperature Range
+10° (50°F) to +35°C (95°F)

Storage
0 to 45

Humidity Range
30% to 60% RH non-condensing

System Requirements

Macintosh OS X
- Power Macintosh or Better
- Macintosh System 10.2 or later
- 128 MB system RAM, 64 MB free disk space
- Color Monitor with 24–bit display (with LUT support)
- Dual monitor support requires a single video card or two (or more) separate video cards

Windows 98SE/ME/2000/XP
- Pentium PC or better
- 32MB application RAM, 50MB free disk space
- Color Monitor with 24–bit display (with LUT support)
- Dual monitor support requires two (or more) separate video cards that support LUTs. Single video cards with dual monitor support are not supported on the Windows platform.

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Specifications and design subject to change without notice.

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