

DTP94 (a.k.a.MonacoOPTIX Hardware)

BRAKENSIEK®
SYSTEMHAUS



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- Suitable for LCD & CRT panel displays
- Measuring functions: CIE-XYZ
- Spectral range: 400-700nm

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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