

# Barco LCD sensor

High-precision colorimeter for medical displays



The Barco LCD sensor is an industry-leading colorimeter featuring Barco-specific calibration technology. Allowing seamless integration with QAWeb Enterprise – our unique online service for automated calibration, Quality Assurance, and asset management – this colorimeter offers the best value for money.

The LCD sensor analyzes color contrast and brightness in no time and with the highest accuracy. It also automates ambient light measurements in combination with Barco's QAWeb for DIN 6868-157 software version. The optical system supports displays with all current and emerging backlight technologies, including LED.

The colorimeter's intuitive and compact design makes it very easy to use with any Barco medical display. The Barco LCD sensor comes with a standard 2-year warranty.

**Product specifications****BARCO LCD SENSOR**

General specifications	
Connectivity	USB, max. 100mA (low power) (PC)
Supported backlight technologies	CCFL, White LED, RGB LED, Wide Gamut
Luminance range	0.2-1200 cd/m <sup>2</sup>
Illuminance range	0.2-1200 Lux
Accuracy (luminance and illuminance)	Specification on Illuminant A:
	D Y +/-4% at 100 cd/m <sup>2</sup> (Lux)
	D x,y +/-0.004 at 100 cd/m <sup>2</sup> (Lux)
Repeatability (luminance and illuminance)	Specification on Illuminant A:
	±0.001 x,y @ 100 cd/m <sup>2</sup> (Lux)
	±1.0% luminance @ 100 cd/m <sup>2</sup> (Lux)
Resolution (luminance and illuminance)	x, y, Y: 3 or more significant digits
OS compatibility	Windows XP and higher
Supported MediCal QAWeb Agent version	V1.12.04 or higher See MediCal QAWeb OS compatibility
Box dimensions	19.3 x 14.3 x 5.4 cm
	7.6 x 5.6 x 2.1 inches
Warranty	2 years

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