



CR-10

Main Features

- Compact size and light weight (only 360g/12.7 oz. without batteries)
- Easy, one-handed operation
- Low Price
- Color difference displayed in terms of $\Delta(L^*a^*b^*)$ or $\Delta(L^*C^*H^*)$
- Printer output terminal

Specifications:

Model	CR-10
Illumination/viewing geometry	8/d (8° illumination angle/diffuse viewing)
Measuring area	Approx. \varnothing 8mm
Light source	Gas-filled tungsten lamp
Detector	6 silicon photocells
Display modes	$\Delta(L^*a^*b^*)$ / ΔE^*ab or $\Delta(L^*C^*H^*)$ / ΔE^*ab
Target color memory	1 channel; set by measurement
Measuring range	L*: 10 to 100
Measurement conditions	Observer: CIE 10° Standard Observer Illuminant: CIE Standard Illuminant D ₆₅
Repeatability	Standard deviation within ΔE^*ab 0.1 (Measurement conditions: average of measurements of standard white plate)
Minimum interval between measurements	Approx. 1 sec
Power Source	4 AA-size batteries or optional AC Adapter AC-A12
Battery life	Alkaline manganese batteries: Approx. 2000 measurements at 10-second intervals NiCd batteries: approx. 600 measurements at 10 second intervals
Display	16-character x 2-row dot-matrix LCD
Operation temperature range	0 to 40°C (32 to 104°F); less than 85% relative humidity
Storage temperature range	-20 to 40°C (-4 to 104°F)
Dimensions	59 x 158 x 85mm (2-5/16 x 6-1/4 x 3-3/8 in.)
Weight	360g (12.7 oz.) not including batteries
Standard accessories	Soft Case CR-A68; Protective Cap CR-A72; Wrist Strap CR-A73; AA-size batteries(4)