



CALDEN DENSITOMETER

(For Optical Density of Films.)

MODEL CD-1



- 1.Light source LED lamp
- 2.Aperture size 2.0 mm
- 3.Switches Soft touch for power & zero
- 4.Display Graphic LCD with continuous backlit

CALDEN Densitometer CD-1, is a Hand-held Transmission Densitometer used for measuring the Density of X-ray films / Radiographs. It can measure density on only Black & White films. Calden Densitometer incorporate advance digital circuitry and as such provides highly stable readings over long period.

Calden Densitometer provides ease of operation, quick response and highly stable readings. It is sturdy in built and works for long period on a single charge of its Chargeable Batteries.

TECHNICAL SPECIFICATIONS

Colour Response	Black & White Only
Measuring Length (Throat depth)	150mm
Measuring Area (aperture)	2.0 mm dia
Measuring Range	0-4.00 d.
Accuracy	Better than $\pm 0.02d$.
Repeatability	Better than $\pm 0.01 d$.
Zero Stability	Stable once switched on
Warm-up Time	None
Power Requirements	4 x AA size batteries 1.2 Volts NI-MH
Battery Life	3000 readings
Operating Temp. Rang	$\pm 10^{\circ} C$ to $50^{\circ} C$
Size (in mm)	180L X 77W X SOH
Weight (in grams)	525 approx.

Standard package include

Densitometer, Standard density Strip, Charger, and Operating manual



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