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Data Sheet

August 13, 2026

KONICA MINOLTA

Konica Minolta DP-101 Data Processor

The Konica Minolta DP-101 Data Processor is a device designed to efficiently process data. It supports various data processing tasks and offers reliable performance for office environments.



MODEL

Konica Minolta DP-101

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

DP-101

LISTING

<https://aumictechlabs.com/products/dp-101-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Konica Minolta DP-101 Data Processor is a battery-powered peripheral that expands the measurement and analysis capabilities of the CS-100A Chroma Meter. It functions as a dedicated interface for color measurement data, providing advanced processing, storage, and thermal printing in a compact, portable form factor. The DP-101 transforms raw colorimetric readings into actionable data through multiple color-space calculations, statistical analysis, and onboard memory management - making it essential for laboratory and field-based color quality workflows.

Technical Specifications

Device Type: Battery-powered data processor for CS-100A Chroma Meter integration

Data Processing Calculations: Chromatic systems: Yxy, Lab* (CIE 1976), Yu'v'

Absolute color values and color difference (ΔE^*ab) Color temperature and blackbody locus distance (Δuv)

Memory and Storage: Measurement data capacity: 300 sets

Calibration standards: 4 stored references

Target color library: 17 colors for difference measurements

Output Device: 24-character thermal-dot printer (built-in)

Print capability from stored memory, immediate or deferred

Physical Dimensions: 220 × 50 × 200 mm (8-11/16 × 2 × 7-7/8 inches)

Connectors: 8-pin

DIN, 3.5 mm Key Features Dual measurement modes: Absolute and Difference Interval timer for automated measurement scheduling at user-defined intervals Multi-measurement acquisition: Automatic three-point sampling with averaging Statistical data processing on accumulated measurement sets Thermal paper printing roll included Carrying case with shoulder strap for field portability Typical Applications Color quality verification in manufacturing and QA environments; laboratory colorimetry with extended data logging; archival color documentation; automated periodic color monitoring. Compatibility & Integration Designed exclusively for the Konica Minolta CS-100A Chroma Meter. Data output terminal with external computer connectivity and remote control capability. Standard accessory: Data Cable DP-A12.

DP101 Characteristics / Specifications

PARAMETER	VALUE
Model	DP-101
Manufacturer	Minolta / Konica Minolta
Instrument Type	Data Processor
Series	CS-100A accessory
Alias	DP-101; Minolta DP-101
Parent Meter	CS-100A chroma / luminance meter
Host Functions Enabled	print, automatic measurement, statistical calculation
Not DP4	DP-400 is the CR-400/CR-410 processor (2000 sets, 384-dot thermal printer)
Host Color Space	Yxy absolute; d(Yxy) difference on CS-100A
Host Display	3× 3-digit LCD Y, x, y
Host Luminance Fast	0.01 to 299000 cd/m ² (0.01 to 87530 fL)
Host Luminance Slow	0.01 to 49900 cd/m ² (0.01 to 14500 fL)
Host Accuracy Y	plus/minus 2 percent plus/minus 1 digit (Illuminant A, 18 to 28 C)
Host Chromaticity Accuracy	plus/minus 0.004 (Illuminant A, 18 to 28 C)
Host Repeatability Y	plus/minus 0.2 percent plus/minus 1 digit class
Host Response Fast	sample 0.1 s class
Host Measuring Distance	1014 mm to infinity class
Host Sensors	3 filtered silicon photocells CIE 1931
Host Interface	RS-232C 4800 bps
Host External Trigger	measurement start from data output terminal
Host Power	one 9 V battery; also powered via data output terminal
Host Size	79 × 208 × 154 mm
Host Weight	890 g without battery
Host Operating Temp	0 to 40 C, 85 percent RH or less at 35 C
Form	data processor accessory, not a standalone colorimeter

PARAMETER	VALUE
Status	legacy CS-100A accessory
Use	processing/print/auto/stat with CS-100A only Notes DP-101 identity from Konica Minolta CS-100A literature (optional DP-101 for print, automatic measurement, and statistics). Do not use DP-400 CR-400 numbers. Confirm cable and CS-100A versus CS-100.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.