

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

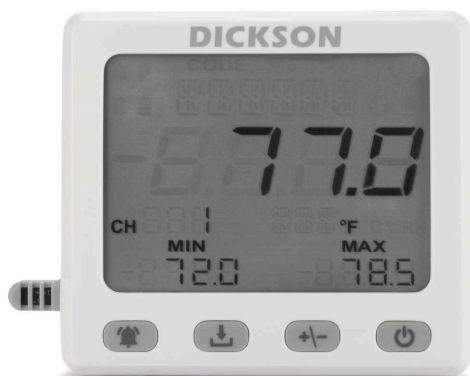
Data Sheet

August 15, 2026

DICKSON

Dickson DSB

DicksonWare USB download (cable sold separately) NIST / A2LA calibration SKUs on the sensor, not the logger body Interface: USB download with Legacy Uploader Alarms: audio and visual alarms on DSB product page NIST / A2LA calibration SKUs on the sensor, not the logger body Interface: USB download with Legacy Uploader Alarms: audio and visual alarms on DSB product page Software: DicksonWare (sold separately on DSB page)



MODEL

Dickson DSB

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

DSB

LISTING

<https://aumictechlabs.com/products/dsb-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Dickson DSB is a dual-channel data logger engineered for continuous temperature and humidity monitoring with configurable alarm thresholds. It captures up to 400,000 readings across user-selectable sample intervals from 1 second to 24 hours, delivering real-time display on a 1.97 × 2.64 inch LCD screen. Data downloads via USB to computers running DicksonWare software or directly to USB storage media. The device operates on two AA batteries with approximately 2 years of runtime at standard 5-minute intervals and triggers audible and visual alarms when high or low thresholds are crossed. Technical Specifications Channels: 2 Data Capacity: Approximately 400,000 readings Sample Interval: 1 second to 24 hours (1 or 10 second increments, user-selectable) Display: LCD, 1.97 × 2.64 inches (50 × 67 mm) Display Resolution: 0.1 for 0–999.99; 1 for readings above 1000 Power Supply: 2 AA batteries (AC adapter sold separately) Battery Life: Approximately 2 years at 5-minute sample interval, 72°F; shorter intervals

reduce runtime Enclosure: IP20-rated ABS plastic clam shell, 3.43 × 2.66 inches (87 × 76 mm), 4.41 oz (125 g) Operating Range: 32°F to 158°F (0°C to 70°C) at 0% to 95% RH non-condensing Alarms: User-configurable high/low thresholds with audible and visual indicators; beeps twice every 5 minutes when active Certification: CE marked Key Features Interchangeable sensor architecture supports ambient temperature, humidity, thermistor in buffer solution, RTD, and K-thermocouple inputs Dual-threshold alarm logic with persistent notification until silenced Direct USB data export without intermediary hardware Wall-mount keyhole or free-standing operation Configurable alarm parameters and sampling via DicksonWare software Compatibility & Integration The DSB integrates with Dickson's replaceable sensor family and interfaces with DicksonWare (SW05, SW06) and DicksonOne Legacy Uploader for device configuration and data analysis.

DSB Characteristics / Specifications

PARAMETER	VALUE
Model	DSB
Instrument Type	USB display data logger
Interface	USB download with Legacy Uploader
Alarms	audio and visual alarms on DSB product page
Software	DicksonWare (sold separately on DSB page)
Download Cable	USB download cable sold separately on DSB page
Sensor Rs0	RS030 single K-thermocouple temperature replaceable sensor
Cal Skus	no calibration, 1-point NIST, 3-point NIST, or 3-point A2LA on each sensor SKU
Manufacturer	Dickson Data
Literature	Dickson Data DSB Display Logger (USB) product page
Family	Dickson USB replaceable-sensor loggers
Form Factor	handheld/benchtop display logger
System Role	temperature/humidity data logging
Brand Lineage	Dickson
Queue Title	Dickson DSB
Documentation Type	OEM DSB product page
Use Case	ambient and probe temperature/humidity logging
Vendor Path	Dickson Data
Sample Class	sample interval on the DSB specification table
Memory Class	memory depth on the DSB specification table
Accuracy Class	accuracy on the attached replaceable-sensor certificate
Power Class	battery operation on DSB category tags
Ate Class	environmental monitoring
Humidity	replaceable sensor

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.

Specifications	
Specifications	
PARAMETER	VALUE
Model	DSB
Instrument Type	USB display data logger
Interface	USB download with Legacy Uploader
Alarms	audio and visual alarms on DSB product page
Software	DicksonWare (sold separately on DSB page)
Download Cable	USB download cable sold separately on DSB page
Sensor Rs050	RS050 ambient temperature replaceable sensor
Sensor Rs010	RS010 ambient temperature and humidity replaceable sensor
Sensor Rs031	RS031 dual K-thermocouple temperature replaceable sensor
Sensor Rs021	RS021 dual thermistor with buffer replaceable sensor
Sensor Rs040	RS040 platinum RTD temperature replaceable sensor
Sensor Rs030	RS030 single K-thermocouple temperature replaceable sensor
Sensor Rs020	RS020 single thermistor with buffer replaceable sensor
Cal Skus	no calibration, 1-point NIST, 3-point NIST, or 3-point A2LA on each sensor SKU
Manufacturer	Dickson Data
Literature	Dickson Data DSB Display Logger (USB) product page
Family	Dickson USB replaceable-sensor loggers
Form Factor	handheld/benchtop display logger
System Role	temperature/humidity data logging
Brand Lineage	Dickson
Queue Title	Dickson DSB
Documentation Type	OEM DSB product page
Use Case	ambient and probe temperature/humidity logging
Vendor Path	Dickson Data
Sample Class	sample interval on the DSB specification table

PARAMETER	VALUE
Memory Class	memory depth on the DSB specification table
Accuracy Class	accuracy on the attached replaceable-sensor certificate
Power Class	battery operation on DSB category tags
Ate Class	environmental monitoring

Notes

From Dickson Data DSB Display Logger (USB) product page (USB, alarms, replaceable RS050/RS010/RS031/RS021/RS040/RS030/RS020 sensors with NIST/A2LA SKUs). Sample interval, memory, and accuracy are on the DSB table / sensor certificate and are not invented.

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