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Data Sheet

August 15, 2026

HACH

Hach SC200 Universal Digital Controller

Operating Temperature Higher Sensor Load: minus 20 to 50 C Network Options: Modbus RS232 RS485 Profibus DPV1 HART Display: menu driven measured value display From Hach sc200 Controller specifications (DOC023 series). Sensor measurement ranges depend on the attached Hach digital sensor modules. Network Options: Modbus RS232 RS485 Profibus DPV1 HART Display: menu driven measured value display From Hach sc200 Controller specifications (DOC023 series). Sensor measurement ranges depend on the attached Hach digital sensor modules.



MODEL

Hach SC200

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

SC200

LISTING

<https://aumictechlabs.com/products/sc200-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Hach SC200 Universal Controller is a versatile and reliable solution for managing and controlling analytical sensors in water quality monitoring systems. It supports both single and dual sensor inputs, providing flexibility for connecting various types of sensors. The controller features a clear display and intuitive navigation, making it easy to configure and operate. Data logging and communication capabilities enable seamless integration with existing SCADA systems or other data management platforms.

SC200 Characteristics / Specifications

PARAMETER	VALUE
Model	SC200
Instrument Type	universal digital controller
Enclosure	NEMA 4X IP66 metal
Dimensions	144 mm x 144 mm x 180.9 mm
Form Factor	half DIN
Mass	1.7 kg
AC Power	100 to 240 VAC plus or minus 10 percent 50/60 Hz
AC Power Budget 7 W Load	50 VA
AC Power Budget 28 W Load	100 VA
DC Power	24 VDC minus 15 percent plus 20 percent
DC Power Budget 7 W Load	15 W
DC Power Budget 28 W Load	40 W
Analog Outputs Standard	two 0-20 mA or 4-20 mA
Analog Outputs With Option Module	five total
Relays	four SPDT
Relay Rating AC Controller	250 VAC 5 A resistive maximum
Relay Rating DC Controller	24 VDC 5 A resistive maximum
Discrete Inputs	three switch closure or logic level
Operating Temperature Sensor Load Less Equal 7 W	minus 20 to 60 C
Operating Temperature Higher Sensor Load	minus 20 to 50 C
Storage Temperature	minus 20 to 70 C
Humidity	95 percent RH non-condensing
Network Options	Modbus RS232 RS485 Profibus DPV1 HART
SD Card Maximum	32 GB

PARAMETER	VALUE
Display	menu driven measured value display
Manufacturer	Hach
Operating temperature	Sensor Load Less Equal 7 W: minus 20 to 60 C

SC200 Specifications

PARAMETER	VALUE
Hach SC200 Universal Digital Controller	Overview
Four user configured SPDT relays	Optional Modbus Profibus DPV1 or HART network modules
Technical Specifications	Model: SC200
Notes	From Hach sc200 Controller specifications (DOC023 series). Sensor measurement ranges depend on the attached Hach digital sensor modules.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 20 to 70 C
Operating temperature	Sensor Load Less Equal 7 W: minus 20 to 60 C
Operating Temperature	Sensor Load Less Equal 7 W: minus 20 to 60 C
Humidity	95 percent RH non-condensing
Operating Temperature Sensor Load Less Equal 7 W	minus 20 to 60 C
Operating Temperature Higher Sensor Load	minus 20 to 50 C
Network Options	Modbus RS232 RS485 Profibus DPV1 HART
SD Card Maximum	32 GB
Display	menu driven measured value display
Manufacturer	Hach Notes From Hach sc200 Controller specifications (DOC023 series). Sensor measurement ranges depend on the attached Hach digital sensor modules.

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 DOC023 list NEMA 4X/IP66 metal enclosure, dual analog 0-20/4-20 mA outputs, four SPDT relays, half-DIN 144 x 144 x 180.9 mm packaging at 1.7 kg, and AC or 24 VDC power options.

Applications

Process analytical control of pH ORP conductivity DO turbidity and related Hach digital sensors in water and wastewater plants.

Key Features

Dual sensor digital inputs for Hach sensors

Two standard analog outputs expandable to five

Four user configured SPDT relays

Optional Modbus Profibus DPV1 or HART network modules

SD card slot up to 32 GB for data

Technical Specifications

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Operating Temperature Sensor Load Less Equal 7 W: minus 20 to 60 C

Specifications

PARAMETER	VALUE
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Display	menu driven measured value display
Manufacturer	Hach

Notes
From Hach sc200 Controller specifications (DOC023 series). Sensor measurement ranges depend on the attached Hach digital sensor modules.

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.