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Data Sheet

August 3, 2026

YOKOGAWA

Yokogawa SL1000 High Channel Count ScopeCorder

Yokogawa SL1000 High Channel Count ScopeCorder The SL1000 provides a modular PC-based high-speed data acquisition / ScopeCorder-family unit with up to 16 channels, 100 MS/s on all channels, plug-in isolated modules (including 1 kV / 100 MS/s class), and GIGAZoom Engine streaming for high-channel-count electrical and physical measurements. High-speed isolated inverter and motor-drive waveform capture; multi-channel high-voltage DAQ; parallel testing with up to four independent sample rates; mechatronics and power-electronics R&D requiring ScopeCorder-class modules at 100 MS/s; PC-hosted long-record acquisition with USB/Ethernet. The SL1000 provides a modular PC-based high-speed data acquisition / ScopeCorder-family unit with up to 16 channels, 100 MS/s on all channels, plug-in isolated modules (including 1 kV / 100 MS/s class), and GIGAZoom Engine streaming for high-channel-count electrical and physical measurements. High-speed isolated inverter and motor-drive waveform capture; multi-channel high-voltage DAQ; parallel testing with up to four independent sample rates; mechatronics and power-electronics R&D requiring ScopeCorder-class modules at 100 MS/s; PC-hosted long-record acquisition with USB/Ethernet.

No photo

MODEL

Yokogawa SL1000

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

SL1000

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

Features & description

From manufacturer datasheet

Features

- Modular high-speed DAQ / ScopeCorder-family platform
- Up to 100 MS/s on all channels (10 ns interval)
- 8 plug-in slots; max 16 channels
- 100 MS/s 12-bit 1 kV isolation module class (720211 / 720210 family)
- Up to four simultaneously independent sample rates
- GIGAZoom Engine data compression for fast PC display
- Internal memory up to 50 MW/ch class (specified conditions)
- Optional 500 GB HDD; USB 2.0; optional Gigabit Ethernet
- External clock, trigger, alarm, GO/NO-GO I/O

Built-in HDD Option: 500 GB (/HD1)

Dimensions: approximately 319 × 154 × 350 mm Mass: approximately 6 kg (main unit) Alias: SL1000
Standard Operating Conditions Install compatible ScopeCorder-series plug-in modules within slot and power limits. Configure sample rates and isolation ratings for the DUT. Use PC acquisition software for streaming and display. Operational Notes User/catalog branding may say "High Channel Count ScopeCorder"; Yokogawa OEM title is High-Speed Data Acquisition Unit in the ScopeCorder module ecosystem. Alias SL1000.

SL1000 Characteristics / Specifications

PARAMETER	VALUE
Model	SL1000
Manufacturer	Yokogawa
Instrument Type	High-Speed Data Acquisition Unit / ScopeCorder-family
Max Sample Rate	100 MS/s on all channels
Slots	8
Max Channels	16
Isolation Module Class	100 MS/s, 12-bit, 20 MHz, 1 kV (720211)
Dimensions	approximately 319 × 154 × 350 mm
Mass	approximately 6 kg (main unit)
Alias	SL1000 Standard Operating Conditions Install compatible ScopeCorder-series plug-in modules within slot and power limits. Configure sample rates and isolation ratings for the DUT. Use PC acquisition software for streaming and display.

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

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<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.