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Data Sheet

August 13, 2026

KLA TENCOR

KLA Tencor 0020839-000 Robot Controller Housing and Power Supply

The KLA Tencor 0020839-000 is a robot controller housing and power supply unit that provides protective enclosure and reliable power delivery for robot controllers within KLA Tencor automated manufacturing systems. This component is integral to semiconductor processing equipment, including wafer handling, inspection, and defect classification platforms such as the Confocal Review Station (CRS), where it ensures stable operation of robotic control modules managing wafer transport and positioning. Function: Integrated controller housing with dedicated power supply for robotic automation systems Protective enclosure design safeguards controller electronics in manufacturing environments Integrated power supply ensures stable voltage delivery to robotic control modules



MODEL

**KLA Tencor
0020839-000**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

0020839-000

LISTING

<https://aumictechlabs.com/products/0020839-000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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Confocal Review Station (CRS), where it ensures stable operation of robotic control modules managing wafer transport and positioning. Technical Specifications Part Number: 0020839-000 Manufacturer: KLA Tencor Function: Integrated controller housing with dedicated power supply for robotic automation systems Weight Reference: Related controller units approximate 25 lbs Key Features Protective enclosure design safeguards controller electronics in manufacturing environments Integrated power supply ensures stable voltage delivery to robotic control modules System-level power distribution for multi-axis robot coordination SEMI standards support: E84, E87, E40, E90, E94 compliance GEM/SECS 232 interface support (SEMI-E4, E5, E30) Ethernet connectivity via NFS SW interface Tencor File Format and KLARF Format data compatibility Typical Applications Wafer defect classification and review systems Automated wafer handling and transport Robotic loadport control in semiconductor manufacturing Precision inspection equipment requiring coordinated robotic motion High-volume manufacturing environments demanding reliable automation control Compatibility & Integration Designed for KLA Tencor automated equipment platforms, including wafer handlers, loadports, and inspection systems. Supports integration with Brooks/PRI Automation robotic components such as robot rails and related subsystems. Facilitates communication within larger manufacturing execution systems through SEMI-standard interfaces and Ethernet networking.

0020839000 Characteristics / Specifications

PARAMETER	VALUE
Model	0020839-000
Manufacturer	KLA Tencor
Instrument Type	Robot Controller Housing and Power Supply
Alias	0020839-000; 0020839
Parent Function	wafer tool robot controller enclosure and PSU
Form	housing with internal power supply
Dash	000
NotARobot Arm	housing and PSU only
NotAMetrology Head	no optical inspection function
Status	KLA-Tencor service part
Installation	match 0020839-000 and tool serial prefix
Identification	silkscreen 0020839-000
Power	internal PSU; mains and DC rails per silkscreen
Cooling	housing airflow / tool cabinet
Connectors	robot-controller harness per exploded view
Use	restore listed housing and supply
Compatibility	KLA-Tencor robot controller of this dash
ESD	PSU and controller electronics
Safety	mains hazardous
Documentation	parent tool service housing/PSU
Firmware	controller firmware is not this housing
Calibration	tool robot home/teach after service
Duty	continuous in parent cabinet

PARAMETER

VALUE

Related

confirm 0020839 versus other robot PSU dashes Notes Identity from KLA-Tencor 0020839-000 robot controller housing and power supply listing. Rail voltages and currents are on the PSU silkscreen and parent tool service. Do not invent wattage.

0020839000 Specifications

PARAMETER	VALUE
Internal PSU restore for the listed robot controller	Tool MRO of 0020839-000
Key Features	Housing plus power supply, dash 000
Technical Specifications	Model: 0020839-000

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: 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.