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Data Sheet

August 13, 2026

KOLLMORGEN / PACIFIC SCIENTIFIC

Kollmorgen / Pacific Scientific 121-236 Motor Controller Power Unit

The Kollmorgen/Pacific Scientific 121-236 is an SC750 series motor controller power unit engineered for industrial automation systems demanding precise, drift-free servo motor control. This digital position controller integrates resolver feedback with full digital motion control capabilities, delivering stable performance in rugged manufacturing environments. Motor Compatibility: Brushless servo motors rated 4.8 lb-in to 451 lb-in continuous torque; 10 lb-in to 800 lb-in peak torque Full digital control with resolver feedback eliminates drift across industrial temperature and vibration environments Single resolver input provides rugged, proven feedback topology for demanding applications



MODEL

**Kollmorgen /
Pacific Scientific
121-236**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

121-236

LISTING

[https://aumictechlabs.c
om/products/121-236-
2/](https://aumictechlabs.com/products/121-236-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Kollmorgen/Pacific Scientific 121-236 is an SC750 series motor controller power unit engineered for industrial automation systems demanding precise, drift-free servo motor control. This digital position controller integrates resolver feedback with full digital motion control capabilities, delivering stable performance in rugged manufacturing environments. Technical

Specifications Input Power: 230 VAC, 3-Phase, 50/60 Hz Current Rating: 30 A continuous, 60 A peak, 29 A FLA Feedback: Rugged single resolver feedback Function Code: Position controller with resolver (Function 5) Motor Compatibility: Brushless servo motors rated 4.8 lb-in to 451 lb-in continuous torque; 10 lb-in to 800 lb-in peak torque Weight: Approximately 45 lbs Packed Dimensions: 20" x 20" x 20" (estimated) Key Features Full digital control with resolver feedback eliminates drift across industrial temperature and vibration environments Total front access design streamlines installation and field maintenance Single resolver input provides rugged, proven feedback topology for demanding applications Digital precision motion control paired with analog-equivalent reliability Supports broad torque range via Pacific Scientific brushless servo motor integration Typical Applications Positioning and motion control in factory automation, machine tools, material handling, and process equipment where resolver-based feedback and 3-phase power availability are standard. Compatibility & Integration Designed for operation with Pacific Scientific brushless servo motors within the SC750 platform. The 121-236 accepts resolver feedback and drives motors across the full torque range of the Pacific Scientific brushless servo line. Integration with broader automation networks depends on external interface architecture and communication modules not detailed within this unit's specification set.

121236 Characteristics / Specifications

PARAMETER	VALUE
Model	121-236
Manufacturer	Kollmorgen / Pacific Scientific
Instrument Type	Servo controller power unit
Series	SC750
Alias	121-236; SC750 121-236
Revision Listing	RevB Input: 230 Vac 3 phase
Series Code	SC servo controller series 7
Function Code	5 position controller resolver
Power Level Code	5 equals 30 A continuous / 60 A peak
Continuous Current	30 A
Peak Current	60 A
Feedback	single resolver
Control	full digital
Access	total front access
Motor Type	brushless servo
Continuous Torque Family	4.8 to 451 lb-in with matching motors
Peak Torque Family	10 to 800 lb-in with matching motors
Related Catalogs	SC752A001-01, SC753A class
Form	industrial servo power unit / controller
Environment	unforgiving industrial (SC750 positioning)
Loops	digital current, velocity, position
Setup	digital, drift free versus analog pots
Mains	230 Vac three phase (confirm transformer/mains on the unit)
Not 60WKS	60WKS is analog trapezoidal SM-series amp
Not OC9	OC930 is SC900 serial option card

PARAMETER	VALUE
Mounting	SC750 rack/panel per the series manual
Status	legacy Kollmorgen / Pacific Scientific servo
Replacement	match 30/60 A and resolver position function Notes Specs from Kollmorgen/Pacific Scientific SC750 121-236 identity (230 Vac 3 ph, function 5 resolver position, 30 A cont / 60 A peak). Confirm revision, firmware, and motor/resolver pairing on the installed unit.

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.

performance.

Applications

Brushless servo position control with resolver

Industrial axes needing 30 A cont / 60 A peak

SC750 MRO power-unit replacement

Key Features

30 A continuous / 60 A peak power stage

Resolver position controller (function 5)

230 Vac 3-phase input

Digital current/velocity/position loops

Technical Specifications

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Specifications

PARAMETER	VALUE
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Status	legacy Kollmorgen / Pacific Scientific servo

Replacement: match 30/60 A and resolver position function

Notes

Specs from Kollmorgen/Pacific Scientific SC750 121-236 identity (230 Vac 3 ph, function 5 resolver position, 30 A cont / 60 A peak). Confirm revision, firmware, and motor/resolver pairing on the installed unit.

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.