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伺服驅動器 / Servo drive

智能整合 · 進化革新
Intelligent Integration with
Innovation

ENG

MicroType High Performance Servo Drive

ISA 7 Series

To fulfill general needs of industrial automation industry
The best value for the servo motor on limited budget
High precision control, Slimming size, Quick Tuning, Cost effective.

- CE Certificate

Features



Excellent high speed performance

- It takes only 8 ms for ISA-7 series to accelerate from -3000r/min to 3000r/min without load.



Stable application requirements

- With two auto-notch filters, the mechanical resonance is suppressed effectively to smooth machine operation.



High-performance precision positioning control

- Support high resolution 17-bit (131,032) incremental encoders to provide high-precision positioning control and stable rotation at low speeds.



Satisfy diverse command control

- Build in position control mode/speed control mode/torque control mode. (Speed and torque control can be selected by parameter or analog voltage signal.)



User-Friendly Design

- Quickly Auto-tuning to save the installation time.

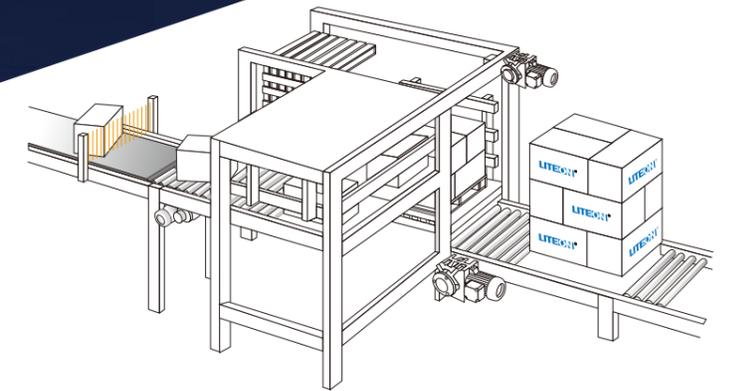
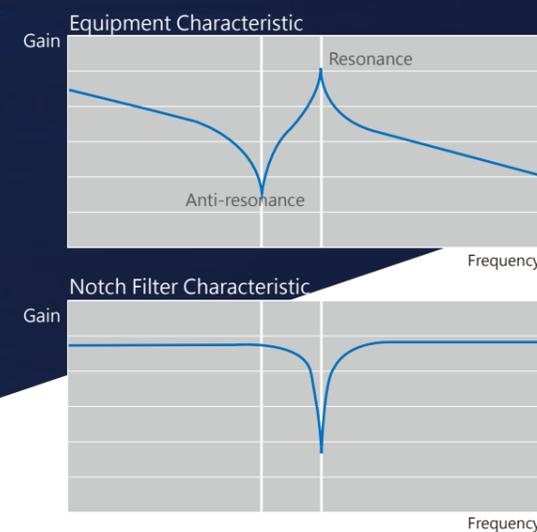


Widely used power range in the industry

- Power range from 0.1kW to 2kW.

Incredible Multi-functionality

- High-performance Position/Speed/Torque control and dual-control mode.
- 220V power supply applicable to models below 1 kW.
- Separated main power and control power supply for better stability.
- The excellent auto-tuning performance.
- Notch Filter and Low-Frequency vibration suppression support.
- Excellent performance up to 550kHz frequency response.
- Supports 17-bit high resolution absolute and incremental encoders.
- Built in Position/Speed/Torque control mode to meet both low inertia and high inertia required.
- Free ISA-Pro PC software makes parameter edition, status and oscilloscope monitoring EASIEST EVER via computer.



ISA-7 high level control can meet the CNC and inspection equipment required. The vibration compensation and one touch tuning to make installation easy. With MSC and ECAM to save the total integration system cost.

Servo drive Dimensions



Product name	ISA-7 F1	ISA-7 F2	ISA-7 F3
Dimensions W x H x D (mm)	50 x 173 x 185	70 x 173 x 195	108 x 212.4 x 209.2
Power range	100W~400W	750W~1000W	1.5kW~2kW
Weight (kg)	1.2	1.6	3.4

For detailed technical information, please refer to catalogue, user manual.

Servo drive Applications

- Industrial Machinery
- Conveyor Machines
- Sawing Machines
- Electric Discharge Machine
- Cutting Machines
- Textile machinery

