

# Servo Drive for Motion Control

This servo drive is designed for precision motion control applications. It supports various feedback devices and motor types, offering flexible configuration options and a user-friendly programming interface.



## Product Overview

### Precision Motion Control

The SD160P series is a high-performance AC servo drive engineered for medium and small power applications requiring fast and accurate position, speed, and torque control. It features advanced functionality including inertia identification, vibration suppression, and rigid meter setting to simplify complex automation tasks. Compatible with high-response 17-bit magnetic encoder motors, it ensures quiet and stable operation for demanding industrial environments.

## Technical Specifications

### Response Frequency

**1 kHz**

Response Frequency

Power Range	1000 W
Input Voltage	AC 220V-230V 50/60Hz
Rated Output Current	7 A

## Performance Features

### Core Control Functions

- Position Control
- Speed Control
- Torque Control
- Inertia Identification
- Vibration Suppression

Encoder Resolution	17-bit
--------------------	--------

## Connectivity

Communication Protocols	MODBUS, CANOPEN
-------------------------	-----------------

## Application Suitability

### Target Industries

Semiconductor Manufacturing • Robotics • CNC Machinery • Food Processing • Conveying Machinery