

ASY-CONT-300-8 Series Motion Controller

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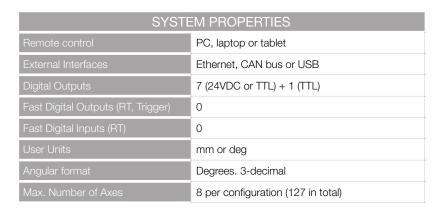


- ASY-CONT-300-8 is a motion controller capable of displaying up to 8 axes and is specially designed to control up to 127 axes when grouped into different configurations in a typical antenna or RCS measurement system for accurate antenna and RCS measurements
- The ASY-CONT family of controllers form the core of a distributed control system, where each positioner has its own drive. ASYSOL controllers provide flexibility and support for a variety of motors and position feedback systems. Depending on the requirements, servo, stepper, DC, AC or linear motors of any power level may be used. A variety of incremental and absolute encoders as well as dual loop control are supported.
- A Remote system diagnostics are supported online and by Ethernet connection.
- Full control can be obtained using the front panel, a PC, laptop or tablet.

Options:

- Simultaneous movement of two or more axes
- Correction tables can be included to improve the positioning accuracy of axes

Specifications



ELECTRICAL CHARACTERISTICS		
Voltage	220V	
Frequency	50-60Hz	
Current	10A	

OPERATING CONDITIONS	
Storage	-10° to +70°
Operation	0° to +50°

DIMENSIONS	
Width	500mm
Height	267mm
Depth	483mm
Weight	12kg

Summary of Features

- Based upon a modular architecture for ease of maintenance
- Real-time distributed control system for motion and RF control
- Fully compatible with ASYPOS positioner series and ASYSCAN scanner series
- Communication bus: CANOpen
- Manual control from the display
- Supports a variety of motors and feedback systems
- Trigger control
- Supports timing of RF instruments
- Language: English, Spanish and French
- Serviceable and upgradable firmware remotely or by USB, subject to your PC running the necessary LAN development environment
- Sequential axes control
- Position mode: command an axis to achieve a precise position
- Swept mode: command an axis to move at a constant velocity between two predefined points generating TTL pulses at periodic points
- Manual mode: move an axis with the manual potentiometer located on the front of the controller

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