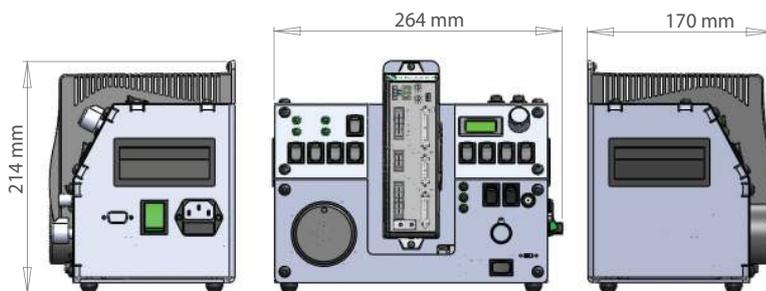# CDHD Demo Unit

CDHD demo unit showcases CDHD's high-performance and extensive functionality in an easy to use package that was designed to be carried offsite.
The demo unit consists of one servo drive, one motor and several accessories, which emulate all real external interface inputs and outputs to the CDHD. All you have to do is connect a PC, running ServoStudio for Windows to the CDHD unit.

The demo unit can emulate all the CDHD functions, including all the I/Os, and is a perfect solution for demonstrating the CDHD capabilities as well as for training, saving the integration learning curve and avoiding mistakes during integration.



## General Dimensions



264 mm

170 mm

214 mm

Weight: 4.2 Kg

• Must be plugged into an AC power supply in order to operate
• 12 month warranty period

# Specifications

| Item | QTY | Specification | |
|---|---|---|---|
| CDHD | 1 | 6 Arms Servo Drive Analog voltage and pulse and direction | |
| **Item** | **QTY** | **Specification** | **Example for CDHD functions exercise** |
| Enclosure | 1 | Metal enclosure, Small size enclosure containing all demo parts, with Power Input 110/230 V, Two handles for easy transportation. | |
| Motor | 1 | AC Servo motor 400 W | Motor operation, velocity position profile, tuning etc |
| Inertia weight | 1 | Aluminum disk, with internal L-shape to protect weight of running outside | Acceleration, deceleration |
| Analog Input | 1 | A dial knob w/ electronic Rotating the Dial provide ± 10 volt to the CDHD | Analog current loop, Analog velocity loop |
| Display | 1 | Display | Show the input voltage provided by the analog input dial |
| Input Switches | 11 | Switch with green led | Configurable input function like: Enable, Clear faults, Limits, execute script file, trigger motion, homing etc. |
| STO Switches | 2 | Switch with green led | STO- Safe torque off |
| Output Led | 6 | Green led | Configurable out function like: Drive status, brake etc. |
| Fault relay | 1 | Green led | Configurable fault relay function like: Drive status, changing relay condition etc. |
| Encoder simulation output | 1 | D9 male | Encoder simulation output, changing resolution, measure signals etc. |
| Analog output connector | 1 | BNC connector CDHD provide 0-10V analog output | Configurable output function like velocity, position error and measure it w/ user scope |
| Selectable switch | 1 | Switch | Route hand wheel either to pulse and direction or to be used for secondary feedback |
| Hand wheel, external pulse generator | 1 | A dial knob w/ electronic Resolution 120 PPR | External encoder to be used either for pulse or secondary feedback, demonstrating master and slave, electronic gearing etc. |
| Switch | 1 | Selection switch | Select direction either CW or CCW |

# Ordering Information
**CDHD-006DEMO**

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