

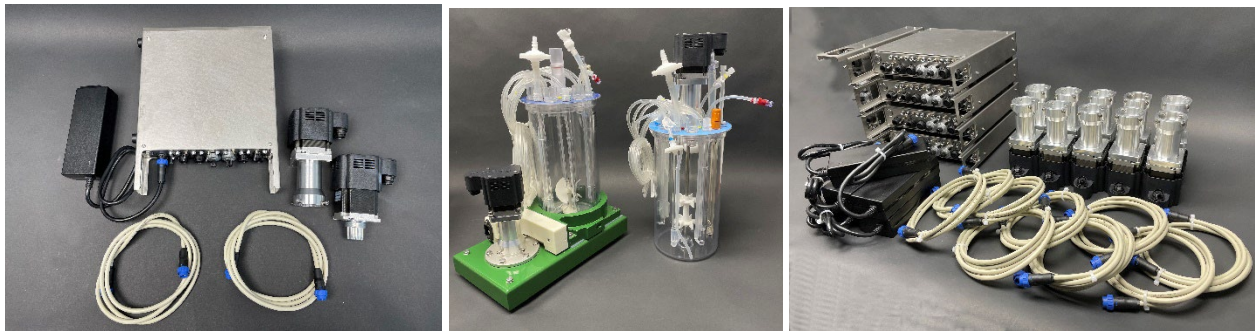
Cadmus

World smallest manual servo motor drive

Simple stand-alone dual channel Motor-Drive-System's (MDS) for connection with small to medium size STRs (Stirred-Tank-Reactor), SUBs (Single-Use-Bioreactor), SUFs (Single-Use-Fermenter), SUMs (Single-Use-Mixer), Perfusion-SUBs (P-SUB).

Cadmus product package consist of:

- One ultra-compact dual channel Motor-Drive-System (MDS) integrated in Hephaestus U1 stainless-steel cabinet
- Two Biston servo motors - no adaptor as part of the package – choose what you need
- Two cables 1.5 meter long as standard (other length available)
- One external Zephyros Power Supply



Photos show the Cadmus package with 2 servo motors and Power Supply. Cadmus and black servo motors mounted on the green MST from PerfuseCell which drive through Head-Plate-Drive one CellVessel Single-Use-Bioreactor.

Spec of the Cadmus:

- Hephaestus U1 stainless steel cabinet - weight 3 kilo
- Dual / stereo version for drive of various sizes of step motors independently
- Max motor power is 50 watt per channel
- Cadmus can handle RPM from 20 – 500 (motor size dependent)
- Cadmus operate on 24 VDC via 110-230 VAC supply
- No display, no PLC, no communication via WiFi or the like – simple manual operation
- On front 10-turn potentiometer for internal RPM control
- Switch for internal or external 4-20 mA for RPM control
- Dual rotating direction - CW and CCW
- Enabling switches for each of the two channels
- Power switch control via internal Solid-State-Relay
- CE certified
- Various servo motor sizes available ranging NEMA-11, 14, 17, 23
- Various drive adaptors available for various sizes SUBs and SUFs and SUMs

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