

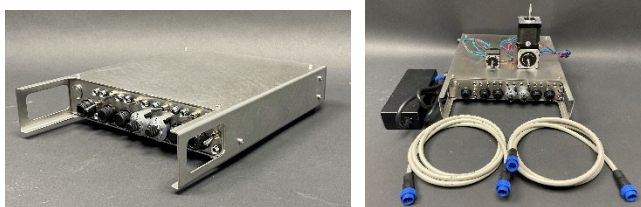
Phoenix

World smallest manual servo motor drive

Simple stand-alone all analogue dual channel Motor-Drive-System's (MDS) for agitation of small size SUBs (Single-Use-Bioreactor), SUFs (Single-Use-Fermenter), SUMs (Single-Use-Mixer) and in particular Perfusion-SUBs (P-SUB).

Phoenix product package consist of:

- One ultra-compact dual channel Motor-Drive-System (MDS) integrated in Hephaestus U1 stainless-steel cabinet
- Two servo motors mounted with the compact ID30 adapter
- Two cables 1.5 meter long as standard (other length available)
- One external Zephyros Power Supply



Photos show the Phoenix package with servo motors and Power Supply.

Spec of the Phoenix:

- Hephaestus U1 stainless steel cabinet - weight 3 kilo
- Dual / stereo version for drive of NEMA-14 and NEMA-17 step motors
- Max motor power is 20 watt per channel
- Phoenix can handle RPM from 20 – 500
- 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 signal for RPM control
- Dual rotating direction - CW and CCW
- Enabling switches for each of the two channels
- Operates on 24 VDC from external power supply 110-230 VAC 50-60 Hz
- Power switch control via internal Solid-State-Relay
- Phoenix is CE certified, Zephyros Power Supply is also UL listed

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