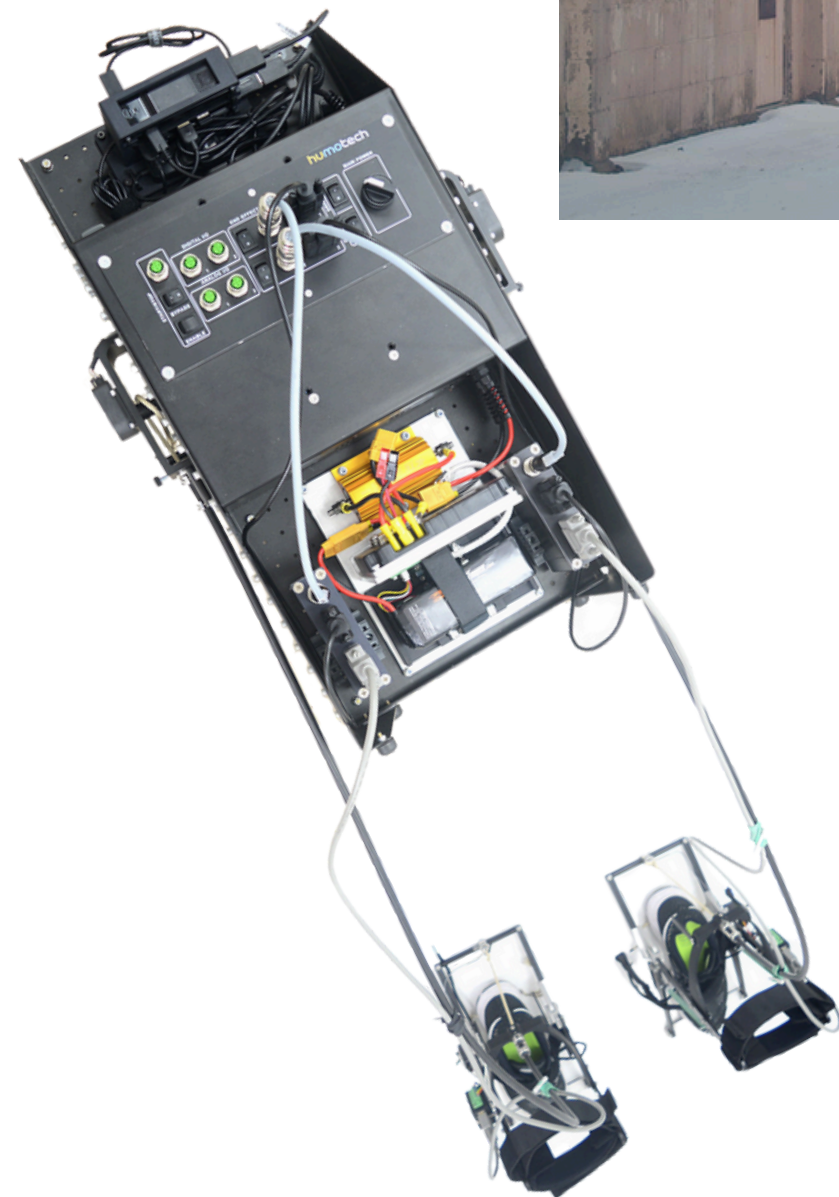


Portable Two Axis Actuator Unit



The Portable Two Axis Actuator Unit is contained within the Portable Caplex System. It incorporates high-torque-density servomotors currently in a two-axis configuration contained within a fixed frame for actuation of a Humotech (or other cable-actuated) wearable device. The Unit is designed for use inside or outside of the lab (though it's not tested against water/mud/dust—yet!) and powered by single-phase AC wall power or a lithium polymer battery. Interested in a one-, three-, or more-axis configuration? Please let us know!

PROPERTY

SPECIFICATION

System Weight	Without battery: 9.5 kg / 21 lbs With battery: 12.7 kg / 28 lbs
System Dimensions	24" L x 12" W x 10" H
Maximum Motor Speed	4375 rpm (unloaded)
Standard Maximum Cable Speed	3.67 m/s (12.04 ft/s) (unloaded)
Continuous Torque Limit	3.18 Nm (2.34 ft-lbs)
Maximum Torque Nm (ft-lbs)	8.5 Nm (6.27 ft-lbs)
Standard Maximum Cable Force kN (lbs)	1.06 kN (238.9lbs)
Standard Supply Voltage	120 VAC grounded single-phase
Continuous Current Limit	30 A per axis
Battery Pack Voltage	14-36 VDC

Technical Specs