

equipois® zeroG²

Zero Gravity Mechanical Arm Technology
For tools under 10 lbs.

Find out why some of the top companies in the world have implemented zeroG[®] as a manufacturing best practice.

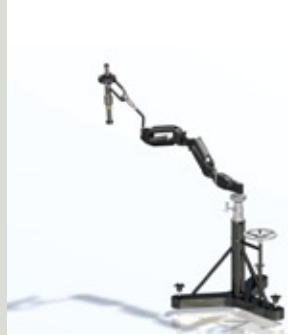


Boost productivity. Reduce injuries. Improve quality. Defy gravity.™

The Equipois zeroG² arm is a patented technology that lets workers hold tools, parts and other payloads as if weightless, with complete freedom of motion. Deployable in virtually any manufacturing environment, the zeroG[®] arm provides its users with performance unmatched by other products such as crane-based systems, torque arms, and tool balancers.



- Enhances both productivity and quality by greatly reducing worker fatigue.
- Eliminates common causes of shoulder, arm and back injuries – overexertion and repetitive stress.
- Mobile, fixed, and user-mounted configurations ensure quick and seamless integration.
- Intuitive to control and simple to learn – less than 30 minutes of operator training required.
- Requires zero energy and minimal maintenance.
- Ideal for a wide range of lighter-weight hand tools (3 to 10 lbs.), including right angle drills, palm sanders, small rivet guns, right angle grinders, and many others.
- Payback of less than a year and ROI over 100% for most customers.



equipois
DEFY GRAVITY™

Equipois Inc. 866.601.2070 www.equipoisinc.com info@equipoisinc.com





zeroG²

Technical Product Specification Summary

Primary Work Envelope:	Vertical Range 29", horizontal Range 29" & 130° up/down sweep; does not include reach provided by end effector or mounting block.
Secondary Work Envelope:	Unlimited; provided by auxiliary stands and mounts.
Lift Capacity:	Payloads ranging from 3-10 lbs.
Primary Arm Weight:	Approx. 7 lbs; exclusive of end effectors.
Payload/Lift Control:	Single-axis lift adjustment for easy change-over to different payloads.
Spring:	Proprietary – Zinc plated, corrosion resistant, cycle tested SMI certified spring.
Lateral Arm Control:	Easily configurable user response with elastic return.
Arm Mounting:	2-axis, quick adjust for tilt and roll or fixed mounting interface; compatible with most OEM rail and strut systems.
Chassis:	5052 Aluminum.
Machined Parts:	300 Series Stainless Steel.
Options:	<ul style="list-style-type: none">• Various gimbal types to mount different tools and components.• Configurable Docking Kit to lock arm or tool in place when not in use.• Standard mobile stands and gantry mounts to facilitate easy set-up.• Covers to protect the arm in different environments.

www.equipois inc.com

Equipois Inc.
5440 McConnell Ave
Los Angeles CA 90066

T 866.601.2070
T 310.736.1050
F 310.773.4839
E info@equipoisinc.com