

Astec LPT65  
**Power Supply Board**



**Limited Availability  
Used and in Excellent Condition**

**Open Web Page**

<https://www.artisantg.com/66743-3>

All trademarks, brandnames, and brands appearing herein are the property of their respective owners.



Your **definitive** source  
for quality pre-owned  
equipment.

**Artisan Technology Group**

(217) 352-9330 | [sales@artisanng.com](mailto:sales@artisanng.com) | [artisanng.com](http://artisanng.com)

- Critical and expedited services
- In stock / Ready-to-ship
- We buy your excess, underutilized, and idle equipment
- Full-service, independent repair center

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

# **HOFMANN**

*Precision Balancing Systems*



## **Model 11.1**

### **Horizontal, Universal Balancer**

- ♦ *Hard-bearing suspension with permanent calibration*
- ♦ *Piezo-electric transducers, force-measuring balancing machine*
- ♦ *Two-plane, single-plane, and couple balancing capability*
- ♦ *Variable speed motor(s)*
- ♦ *Work supports fully traversable along rails*
- ♦ *Standard and optional hardware and software features to meet customer balancing requirements*

# Model 11.1 Horizontal, Universal Balancer

**Model 11.1** is a two-plane, horizontal balancing machine for universal applications including armatures, precision spindles, shafts, pump impellers, blowers, fans, turbines, rollers, and other applications requiring high-precision balancing. Hard-bearing technology and force-measuring transducers ensure extremely accurate and sensitive unbalance measurement.

- ◆ Rugged piezo-electric transducers are not affected by temperature or humidity, and are completely sealed to prevent contamination by dust or dirt
- ◆ Work supports are fully traversable along support rails that ensure the work support pedestals are parallel to each other
- ◆ V-block, roller bearing, or half-shell supports
- ◆ Two easy-to-adjust end-thrust assemblies with precision ball bearing to accept axial load for belt-drive systems
- ◆ Photocell or phase-coil detection of rpm
- ◆ Optional protective safety guard meets OSHA and/or CE requirements
- ◆ Table mounting or optional precision-machined, steel floor stand
- ◆ Custom-designed hardware and software available
- ◆ Various electronic measuring instruments available for use with this machine — details upon request
- ◆ All-metric design



## Technical Specifications

Configuration	Belt Drive
Maximum normal operating weight of rotor	8 kg (18 lb)
Maximum weight per pedestal	4 kg (7.5 lb)
Minimum weight of rotor	0.03 kg (1 oz)
Maximum diameter of rotor over underdrive machine bracket	200 mm (7-7/8 in)
Max. diameter of rotor over rest of machine bed	250 mm (10 in)
Maximum length of rotor between centers of bearings	460 mm (18 in)
Minimum length of rotor between centers of bearings	13 mm (0.5 in)
Balancing speeds single speed	Rotor dependent
Accuracy (displacement of C.G.)	$\leq 0.25 \mu\text{m}$ ( $\leq 10 \mu\text{in}$ )
Sensitivity	$\leq 0.25 \text{ gmm/kg}$
Unbalance reduction ratio	95%
Power of motor (standard)	Fractional hp ac
Electrical characteristics	115 V, single-phase, 60 Hz 230 V, single-phase, 50 Hz
Electrical service	15 A

**American Hofmann Corporation**  
3700 Cohen Place, Lynchburg, VA 24501 USA  
Tel: +1.434.522.0300 or +1.800.446.0997  
Fax: +1.434.846.1340  
Email: sales.us@hofmann-global.com

**AMERICAN  
HOFFMANN  
CORPORATION**   
**Precision Balancing Systems**

[www.hofmann-global.com](http://www.hofmann-global.com)



# Artisan Technology Group is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at [artisanTG.com](https://www.artisanTG.com) for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

**We're here to make your life easier. How can we help you today?**

(217) 352-9330 | [sales@artisanTG.com](mailto:sales@artisanTG.com) | [artisanTG.com](https://www.artisanTG.com)

