



**V-Prep 12x™**  
VIBRATORY POLISHER

SEMI-AUTOMATIC POLISHER  
FOR EBSD AND OTHER ANALYSES

Quality Products for Metallographic Sample Preparation & Analysis



The V-Prep 12x™ is a vibratory polisher designed for deformation-free preparation of metallurgical samples. Utilizing a vibratory motion, it gently polishes mounted or unmounted samples without manual pressure—ensuring uniform, repeatable results and making it ideal for EBSD and other advanced analyses.

The corrosion resistant bowl can be configured for either ferromagnetic or adhesive backed polishing cloths and can be easily removed and replaced for cleaning.


The intuitive touchscreen interface simplifies operation with five (5) user-defined preset buttons allowing quick and easy parameter selections.

Compact, durable and engineered for ease of use, the V-Prep 12x™ delivers consistent results.

**Sample holders, accessories and consumables are sold separately.**

Item	Description
5-6375-115	V-Prep 12x™, 100–125 V
5-6375-230	V-Prep 12x™, 200–240 V

### Features:

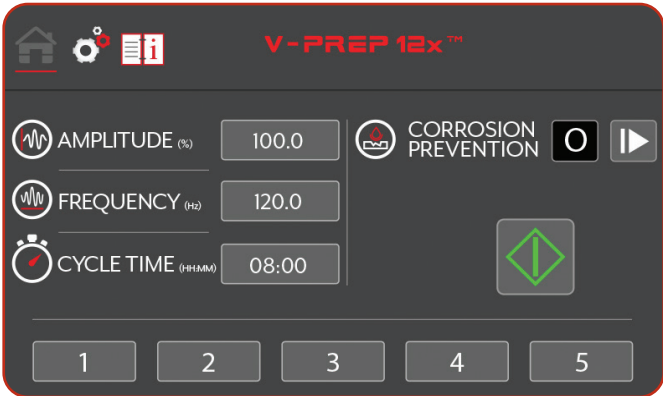
- Advanced Turbo Mode increases rotation speed.
- 7" color LCD touchscreen features store and recall of up to five (5) adjustable presets, including settings for amplitude, frequency, cycle time and corrosion prevention (on/off).
- Corrosion/chemical resistant, quick-change bowl allows rapid removal and replacement for cleaning.
- Magnetic interface inside the bowl allows polishing cloths to be quickly and easily changed.
- Clear cover provides dust protection and features an exhaust port for fume extraction.
- Two (2) year warranty
- Designed and manufactured by Allied in the USA 



*Tool free bowl release*



*Retaining ring holds cloths in place and prevents edges from curling.*



*Intuitive interface for simplified operation*



*Weight and holder storage station*



*Loading station, universal for all sample diameters*



*Polishing solutions are poured directly inside the bowl.*



*Accommodates a variety of sample types/shapes*

## Technical Specifications

<b>Inside Bowl Dimension</b>	12" (305 mm)
<b>Sample Holder Capacity</b>	Up to 21
<b>Variable Frequency Range</b>	45–140 Hz
<b>Variable Amplitude Range</b>	1–100% (Standard Mode) 100–120% (Turbo Mode)
<b>Cycle Time Range</b>	5 minutes to 72 hours
<b>Exhaust Port Size</b>	1.25" (32 mm) OD
<b>Dimensions</b>	17" W x 26.25" D x 14.75" H (430 x 665 x 373 mm)
<b>Weight</b>	173 lb. (78.4 kg)



# Global Distribution of the World's Finest Products



Brochure #: V-P12x-V1.0

Equipment is subject to change due to innovations/improvements at any time.



Designed and Manufactured by  
Allied High Tech Products, Inc.  
in the USA

**ALLIED**  
HIGH TECH PRODUCTS, INC.

- Cerritos, California
- Norwalk, California
- Edmond, Oklahoma

310.635.2466 Worldwide / 800.675.1118 U.S. & Canada  
Visit us online! [www.alliedhightech.com](http://www.alliedhightech.com)