



PERFECT SCORE TECHNOLOGIES

4012 Bronze Way
Phone (214) 331-0002
Email: info@pstmfg.com

Dallas, Texas 75237
Fax (214) 331-0013
Web: <http://www.pstmfg.com>

Vertical Glass Inspection Unit

Model: VGIU

Designed for Vertical Glass Inspection, Quality Control, and Surface Defect Detection

The PST Vertical Glass Inspection Unit (VGIU) is engineered to provide a stable, well-lit, and ergonomic workstation for inspecting glass surfaces for defects, scratches, and coating irregularities. Built with a heavy-duty welded steel frame and equipped with high-intensity inspection lighting, it delivers consistent visibility and handling support for high-quality glass evaluation in production environments.

Features & Benefits

- Designed for vertical inspection and quality control of glass surfaces.
- Fully welded structural steel frame for maximum strength and durability.
- Equipped with **8 high-output inspection lights (512 watts total)** for clear defect visibility.
- Non-scratch neoprene vertical ball casters protect glass surfaces during handling.
- Horizontal neoprene rollers support smooth, controlled glass movement.
- Mobile design with **6" locking floor casters** for easy positioning and stability.
- White-painted frame and inspection background enhance defect visibility.
- Adjustable glass loading height for operator comfort and flexibility.
- Supports glass loads up to **700 lbs (3/4" plate glass capacity)**.

Technical Highlights

- Model: **VGIU**
- Frame Width: **110"**
- Frame Depth: **40"**
- Overall Height: **94"**
- Glass Inspection Height: **76"**
- Loading Height: **18" ± 3" adjustable**
- Weight Capacity: **700 lbs**
- Electrical: **120V / 5 amps**
- Lighting: **8 inspection lights (512W total)**
- Mobility: **6" locking casters**
- **Shipping Specifications: 840 Lbs., 110 x 40 x 94 (LxWxH)**



Why Choose the PST Vertical Glass Inspection Unit?

- Improves detection of surface defects and coating inconsistencies.
- Enhances operator efficiency with optimized lighting and viewing angles.
- Protects glass surfaces with non-scratch support systems.
- Provides a stable, heavy-duty inspection platform for large glass lites.
- Designed for continuous industrial use in demanding quality control environments.