

# TABLETOP PORTABLE VACUUM WAND

The WHS-V7 is a high-performance tabletop portable vacuum wand engineered for demanding wafer handling and small device management in cleanroom environments. With its powerful 800 mBar (23.6" Hg) vacuum, the WHS-V7 is designed to meet the rigorous demands of full production applications, making it ideal for heavy-duty tasks beyond simple wafer rescue or light production. Its portable, self-contained design provides independence from vacuum lines, allowing for complete mobility and continuous operation in high-production environments.

The WHS-V7 is available in several models: WHS-V7-300 for 300mm wafers, WHS-V7-200 for 200mm wafers, and the base WHS-V7 model for user customization with various vacuum tips. Additionally, the WHS-V7-SD model includes vacuum cups and small device adapters, offering precision handling of die, packages, optics, and



other small components. This compatibility with all WHS vacuum wand tips and adapters ensures adaptability for a wide range of applications.

With a high-performance battery providing over 20 hours of continuous runtime per charge, the WHS-V7 is optimized for extended use in cleanroom environments. The system features a normally open vacuum flow with an auto-on pick-up feature allowing for instant operation when removed from its holder, while an automatic shutoff saves energy when the tool is not in use.

The advanced H14 HEPA filter captures 99.99% of 0.3µm particles, ensuring contamination control in ISO 3 (FS209E Class 1) cleanroom standards. The WHS-V7's ESD-safe design, ergonomic construction, and universal power compatibility make it an ideal solution for full-

scale production wafer handling and small device applications. Manufactured in an ISO9001-certified and CE-certified environment, the WHS-V7 sets the standard for high-performance vacuum wands in demanding production settings.

## FEATURES AND ADVANTAGES

- 800 mBar (23.6" Hg) vacuum for demanding wafer handling
- Portable and self-contained for full mobility
- Models for 200mm, 300mm wafers, and small device handling
- Over 20 hours of continuous battery use with auto-on/off
- H14 HEPA filter captures 99.99% of 0.3µm particles, ISO 3

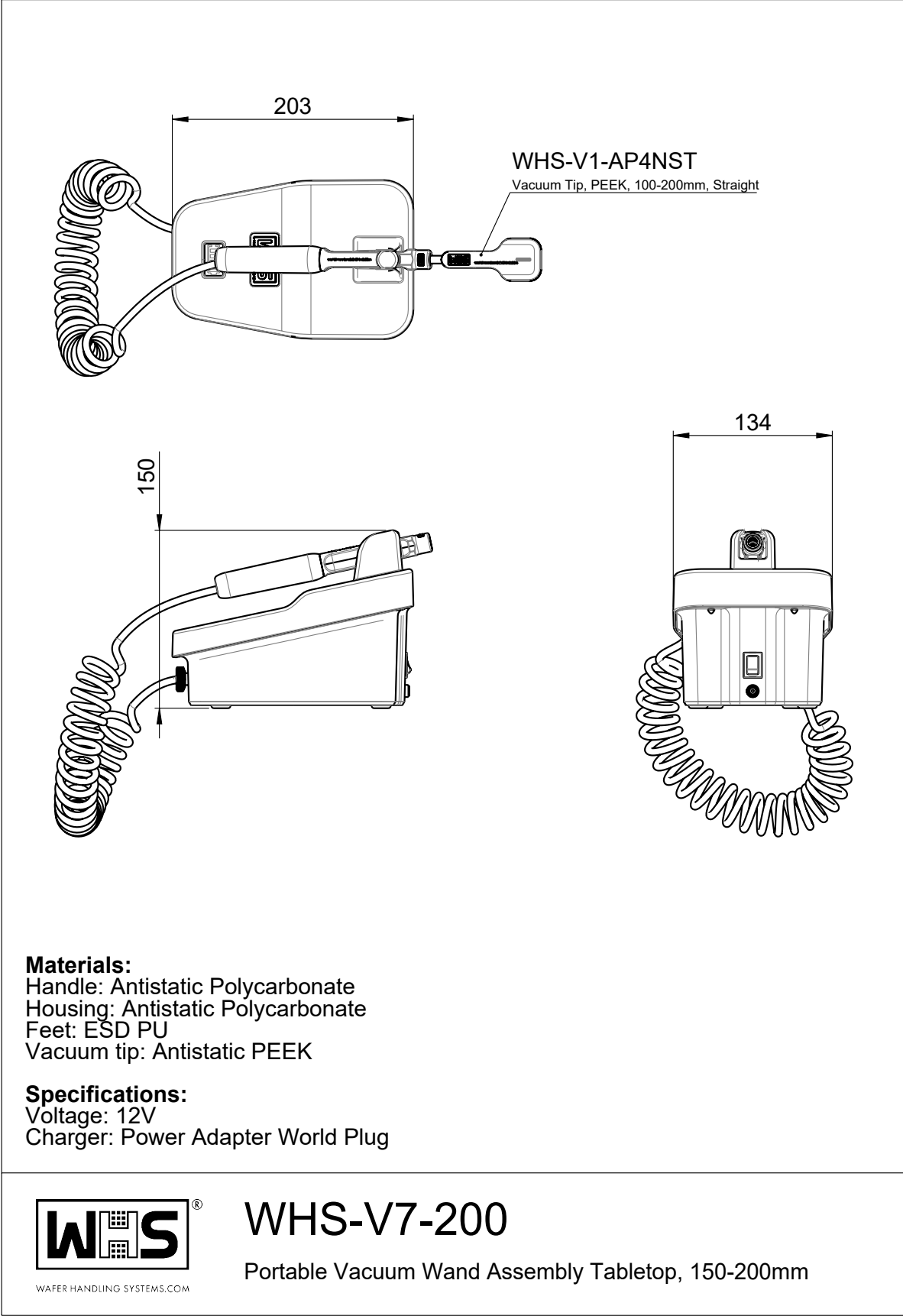
# TABLETOP PORTABLE VACUUM WAND

ITEM	SPECIFICATIONS
Models	Small Device, 200 mm or 300 mm
Material, wand	Antistatic polycarbonate
Material, base	Antistatic polycarbonate
Material, vacuum tip	PEEK – polyetheretherketone
Battery type	LiFePO4 Lithium Iron Phosphate
Cleanliness	ISO 3 (Class 1 FS209E)



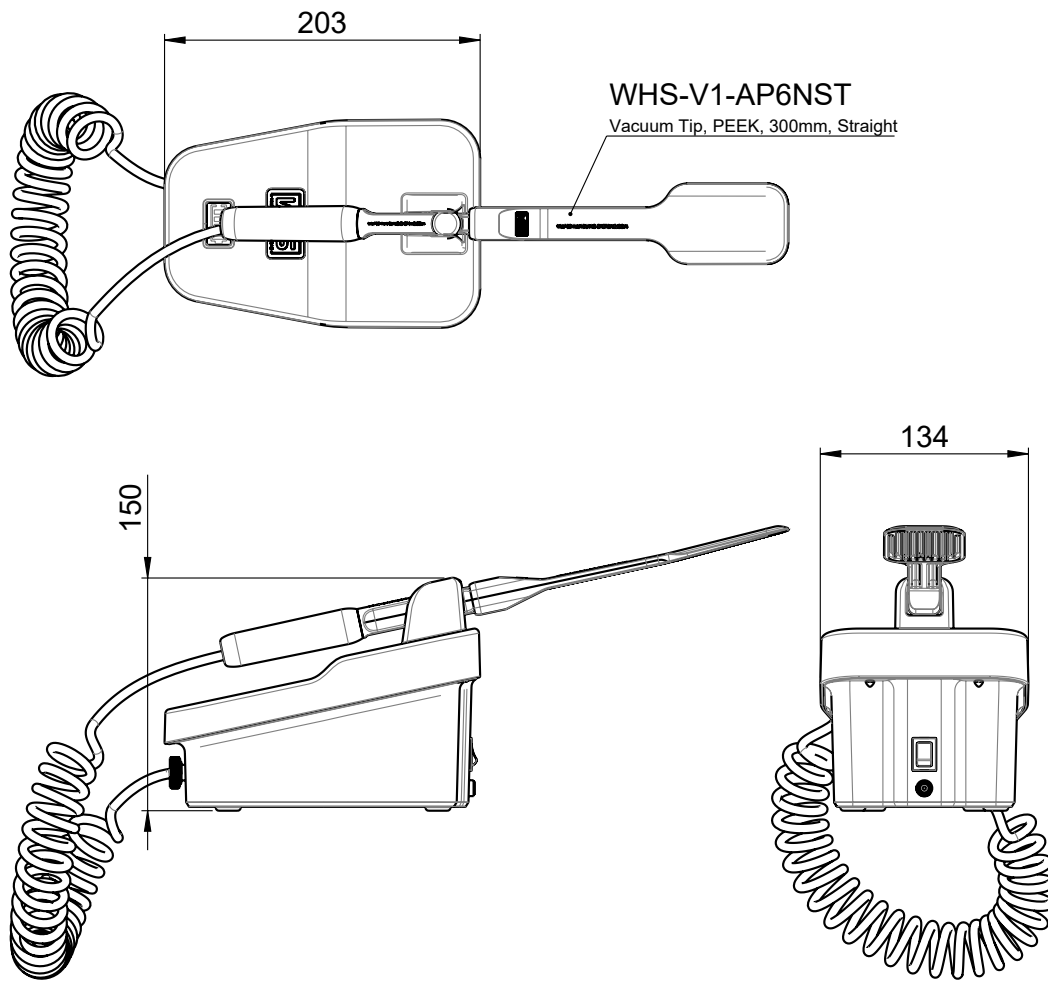
## ORDERING INFORMATION

WHS-V7-	200
CODE	MODEL
200	Portable vacuum wand assembly tabletop, 150–200 mm including WHS-VI-AP4NST tip
300	Portable vacuum wand assembly tabletop, 300 mm including WHS-VI-AP6NST tip
SD	Portable vacuum wand assembly tabletop, small device including: WHS-V5-SD and WHS-V8-NBKIT



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**Materials:**

Handle: Antistatic Polycarbonate  
 Housing: Antistatic Polycarbonate  
 Feet: ESD PU  
 Vacuum tip: Antistatic PEEK

**Specifications:**

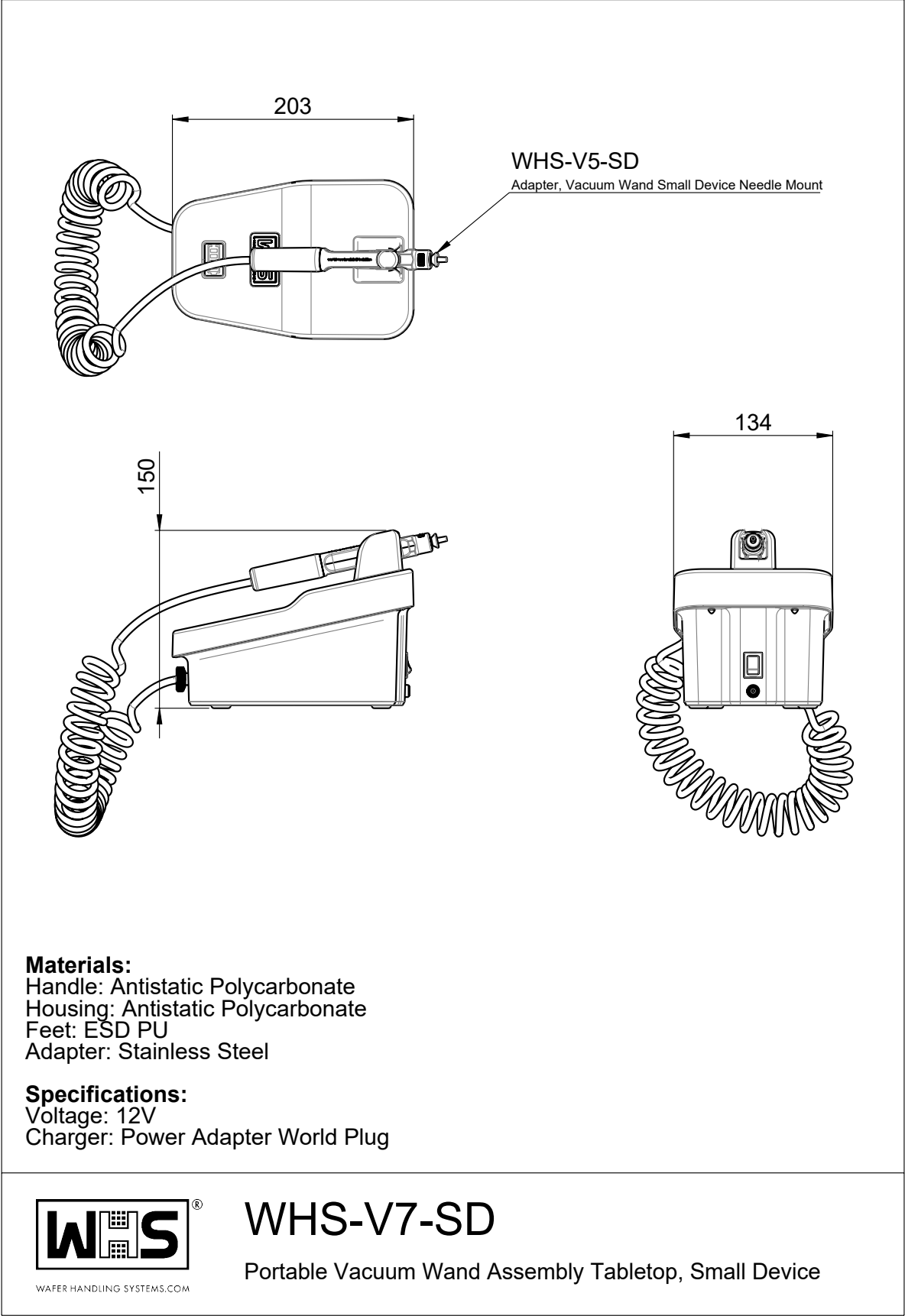
Voltage: 12V  
 Charger: Power Adapter World Plug

**WHS-V7-300**

Portable Vacuum Wand Assembly Tabletop, 300mm

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