



Pneumatic Cleaning Tools for Vacuum Chamber Cleaning





Description

The PneuSCRUB™ device is a cleanroom rated pneumatically powered orbital sanding tool designed for use with the hook and loop (Velcro) Diamond Grit ScrubPADS for both wet and dry equipment cleaning SOP's. The various options of 140 to 1350 Grit ScrubPADS available for the PneuSCRUB™ allows technicians to rapidly achieve desired cleaning results on large surface areas with comfort and reduced ergonomic strain. PneuSCRUB™ dramatically reduces the time and labor input needed to accomplish the same surface scrubbing tasks that are currently carried out manually. PneuSCRUB™ is ideal for removing stubbornly adhered or legacy process deposition found on CMP, ALD, Ion Implant, Etch, and CVD tools. The Sahara Triangular Buffing Pad attachment is ideal for removing hardened slurry from plastic components in CMP tools.

Available with foam backing in order to conform to cylindrical and edged surfaces.

Features & Benefits

- **Improves Tool Availability.** Reduces scrub-time by focusing Diamond ScrubPAD directly onto Heavy Deposition buildup, quickly returning surfaces back to a like-new condition.
- **Reduces Particle Generation.** Diamond & Sahara Foam scrubbing products eliminate metallic particulate shedding risks observed with competing abrasives, while providing superior cleaning efficiency and service life.
- **Wide Selection of Diamond Abrasives & Sahara Foam Pads.** Enables customers to select ideal products for any surface cleaning need ranging from quartz to stainless steel, while minimizing labor requirements and tool surface wear.

Image	Part Number	Product Description	Qty/Pack	Packs/Case
	FT965	PneuScrub Handheld Triangular Scrubbing Tool with Hook and Loop Attachment System with Ø1.25" Vacuum exhaust port. 1/4" NPT Air Inlet Fitting Facilities Reqs: 80psi Supply Pressure, 9 CFM	1	N/A
	FT966	PneuScrub Handheld Triangular Scrubbing Tool with Hook and Loop Attachment System w/o Vacuum exhaust port. 1/4" NPT Air Inlet Fitting Facilities Reqs: 80psi Supply Pressure, 9 CFM	1	N/A



Foamtec International
720 Venture Dr.
Waco, TX 76712

Foamtec International WCC Division
1-760-599-7160

www.foamtecintlwcc.com | customerservice@foamtecintlwcc.com

©2021 Foamtec International. All rights reserved. PneuSCRUB® is a registered trademark of Foamtec International.
We reserve the right to correct any errors that may occur within this datasheet.



PneuSCRUB™

Pneumatic Cleaning Tools for Vacuum Chamber Cleaning

PneuSCRUB™ ScrubPAD® Attachments

Image	Part Number	Product Description	Qty/Pack	Packs/Case
	HS4518DT41-1	180 Diamond Grit PneuSCRUB Triangular Pad with foam Backing (Hook and Loop Attachment System) Size: 3.875" x 2.75" Top PN: 0.25" Thick Foam Bottom PN: 0.5" Thick Foam	1	25
	HS4518DT42-1		1	
	HS4528DT41-1	280 Diamond Grit PneuSCRUB Triangular Pad with foam Backing (Hook and Loop Attachment System) Size: 3.875" x 2.75" Top PN: 0.25" Thick Foam Bottom PN: 0.5" Thick Foam	1	25
	HS4528DT42-1		1	
	HS4536DT41-1	360 Diamond Grit PneuSCRUB Triangular Pad with foam Backing (Hook and Loop Attachment System) Size: 3.875" x 2.75" Top PN: 0.25" Thick Foam Bottom PN: 0.5" Thick Foam	1	25
	HS4536DT42-1		1	
	HS4580DT41-1	800 Diamond Grit PneuSCRUB Triangular Pad with foam Backing (Hook and Loop Attachment System) Size: 3.875" x 2.75" Top PN: 0.25" Thick Foam Bottom PN: 0.5" Thick Foam	1	25
	HS4580DT42-1		1	
	HT4514DT4-1	140 Diamond Grit PneuSCRUB Triangular Pad (Hook and Loop Attachment System) Size: 3.875" x 2.75" Thickness: 0.078"	1	25
	HT4518DT4-1	180 Diamond Grit PneuSCRUB Triangular Pad (Hook and Loop Attachment System) Size: 3.875" x 2.75" Thickness: 0.078"	1	25
	HT4528DT4-1	280 Diamond Grit PneuSCRUB Triangular Pad (Hook and Loop Attachment System) Size: 3.875" x 2.75" Thickness: 0.078"	1	25
	HT4536DT4-1	360 Diamond Grit PneuSCRUB Triangular Pad (Hook and Loop Attachment System) Size: 3.875" x 2.75" Thickness: 0.078"	1	25
	HT4580DT4-1	800 Diamond Grit PneuSCRUB Triangular Pad (Hook and Loop Attachment System) Size: 3.875" x 2.75" Thickness: 0.078"	1	25
	HT4513PDT4-1	1350 Diamond Grit PneuSCRUB Triangular Pad (Hook and Loop Attachment System) Size: 3.875" x 2.75" Thickness: 0.078"	1	25
	HS4824T4	Sahara Scrubbing Foam Triangular Buffing Pad (Hook and Loop Attachment System) Size: 3.875" x 2.75" Thickness: 0.375"	1	25



Pneumatic Cleaning Tools for Vacuum Chamber Cleaning

PneuSCRUB™ EH&S Disclaimer

While performing maintenance tasks to remove byproduct from surfaces, there is an increased risk of particulates and residuals becoming mobile or airborne. It is recommended to use adequate Breathing Air protection in the form of localized fume extraction/ventilation and personal respirators meeting conditional needs during maintenance task execution. This is especially important in applications with extended exposure durations. Many applications in semiconductor manufacturing may expose personnel to potentially hazardous conditions, and we strongly recommend consulting your EH&S representatives prior to evaluating or implementing new maintenance procedures.

PneuSCRUB™ Tool Vacuum Exhaust Recommendations for Cleanroom Use

Our FT965 PneuSCRUB tool is available with vacuum extraction to reduce particulate dispersion during use. It is recommended to use a portable Cleanroom compliant vacuum that is equip with an ULPA filter, is capable of Wet & Dry particulate recovery, generates 100CFM or 100" H2O vacuum pressure, and has an ID: Ø1.25 hose for easy connection to the PneuSCRUB tool. ULPA filtration will ensure both cleanroom environmental safety and cleanliness compliance of air exhausted back to the cleanroom environment. Use of general house exhaust is not recommended, as some particulates extracted during use may cause house vacuum system corrosion, contamination, or clogging.

Examples of portable cleanroom vacuums which exceed minimum operational requirements are available from manufacturers like Tiger-Vac®. Models CR-1300WD or CR-1400WD, and several other options available.

Tiger-Vac® is a registered trademark of Tiger-Vac®