

SISTEMA *SSP* & *SSP nova* SCANNING PROBE SERIES FOR OPCS – CATALOGUE

1. WHY SURFACE PARTICULATE DETECTION?

In many branches of industry the manufacture of an ultraclean surface is crucial to the functionality and quality of the product. Particles have an impact on the overall effectiveness of process equipment, decreasing tool availability and increasing defects, reject rates and costs. Therefore avoiding particles on surfaces is an essential task of an effective quality assurance. The question is how to obtain reliable data giving evidence of the cleanliness of critical parts, work surface and process equipment etc.?

2. THE SOLUTION – SISTEMA SURFACE SCAN PROBES HOOKED UP TO ORDINARY APCS

With Sistema Surface Scan Systems the user can instantly assess the cleanliness of critical surfaces (e. g. supply chain QA) and the effectiveness of cleaning procedures. Its unique technology and portable design makes Sistema Surface Scan Systems the perfect tool Companies concerned with surface cleanliness.



3. BENEFITS OF SISTEMA SURFACE SCAN SYSTEMS

- Inspection of cleanliness before and after cleaning processes (work pieces, tools, equipment, cleanrooms, etc.).
- Qualification of processes
- Cleanliness qualification of incoming and outgoing materials
- Reduction of down times (e. g. maintenance circles)
- Reduction of defect and reject rates and hence increase of productivity

4. MAJOR PROS OF SISTEMA SURFACE SCAN SYSTEMS

- ONLINE | DIRECT | RAPID
- Making the standard AeroTrak® airborne particle counter a DOUBLE-USE SYSTEM (airborne & surface particle counter)
- NON DESTRUCTIVE
- Eliminating human error sources
- Ionization unit as accessory available

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LINE	PICTURE(S)	ITEM #	HOOKING UP TO	ITEM DESCRIPTION
010	 <p>nova</p>	NOVA°30 NOVA°50 NOVA°30 (90°) NOVA°50 (90°)	 <p>AeroTrak® 9310 AeroTrak® 9510 AeroTrak® 9110</p>	SURFACE SCAN PROBE NOVA°00 HARDLIP FACEPLATE MATERIAL: ALUMINUM / POM-C PROBE DIAMETER (A): 30 OR 50 mm STRD. FLOW RATE (B): 1CFM START-/STOP MICRO SWITCH QUICK RELEASES FOR QUICK AND EASY TUBE EXCHANGE STRD. LENGTH: 350 mm BEV-A-LINE TUBING PACKAGE
012	 <p>SSP.30 SSP.50 SSP.70</p> <p>SSP.20</p>	SSP.10 SSP.15 SSP.20 SSP.30 SSP.50 SSP.70	 <p>AeroTrak® 9310 AeroTrak® 9510 AeroTrak® 9110</p>	SURFACE SCAN PROBE SSP.00 HARDLIP FACEPLATE MATERIAL: POM-C PROBE DIAMETER (A): 10 TO 70 mm FLOW RATE (B): 1CFM START-/STOP MICRO SWITCH QUICK RELEASES FOR QUICK AND EASY TUBE EXCHANGE BEV-A-LINE TUBING PACKAGE
020	 <p>SOFT</p>	SOFTLIP-30 ** SOFTLIP-50 ***	ACCESSORY (SPARE PART)	SOFTLIP-RIM FACEPLATE (LATEX RUBBER) FOR A 100% CLOSE TIGHTNESS TO AMBIENT AIR AND A BETTER NESTLING TO UNEVEN SURFACES
021	 <p>HARD</p>	HARDLIP-30 ** HARDLIP-50 ***	ACCESSORY (SPARE PART)	HARD-LIP-RIM FACEPLATE (STRD.) 30 OR 50 MM
022		SOFTLIP-15 * SOFTLIP-20 *	ACCESSORY (SPARE PART)	SOFTLIP-RIM FACEPLATE (LATEX RUBBER) FOR A 100% CLOSE TIGHTNESS TO AMBIENT
023		HARDLIP-10 * HARDLIP-15 * HARDLIP-20 *	ACCESSORY (SPARE PART)	HARD-LIP-RIM FACEPLATE (STRD.) 15 OR 20 MM

* ACCESSORY (SPARE PART) FOR SSP.20 GROUP (Ø 10 – 20 MM)

** ACCESSORY (SPARE PART) FOR SSP.30 OR NOVA°30 OR NOVA°30 (90°)

*** ACCESSORY (SPARE PART) FOR SSP.50 OR NOVA°50 OR NOVA°50 (90°)

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LINE	PICTURE(S)	ITEM #	HOOING UP TO	ITEM DESCRIPTION
024.1		HS.FP-20/50 *	ACCESSORY (SPARE PART)	Ø 50 MM HEMISPHERE FACEPLATE SUITABLE TO SSP.20 (POM-C) FOR A 100% ENCLOSURE OF 'WIDE BODY' PARTS TO BE FLUSHED WITH AIR INCLUDING AIR ANALYTICS
024.2		HS.FP-50/70 ***	ACCESSORY (SPARE PART)	Ø 70 MM HEMISPHERE FACEPLATE FITTING SSP.50 OR NOVA°50 OR NOVA°50 (90°) IN POM-C FOR A 100% ENCLOSURE OF 'WIDE BODY' PARTS TO BE FLUSHED WITH AIR INCLUDING AIR ANALYTICS
025	0.1 µm ION	0.1F-30.50 **/**	ACCESSORY (UPGRADE)	IMPROVED SENSITIVITY DOWN TO 0.1 µm (0,1 µm OPCS)
026		ION-10.70 */**/**	ACCESSORY (UPGRADE)	IONISATION UNIT (IN LINE INSTALLED) FOR SURFACE SCANPROBE XL.50.P-ILS
027	ZCC-10.20	CAP-10.20 *	ACCESSORY (SPARE PART)	ZERO COUNT AND SHOCK PROTECTION CAP 10 OR 15 OR 20 MM
028	ZCC-30.50	CAP-30.50 **/**	ACCESSORY (SPARE PART)	ZERO COUNT AND SHOCK PROTECTION CAP 30 OR 50 MM
029	ZCC-70	CAP-70 ***	ACCESSORY (SPARE PART)	ZERO COUNT AND SHOCK PROTECTION CAP 70 MM
030		SWITCH.20 *	SPARE PART	MICRO SWITCH ON/OFF WITH CABLE FOR SSP.10/15/20

* ACCESSORY (SPARE PART) FOR SSP.20 GROUP (Ø 10 – 20 MM)

** ACCESSORY (SPARE PART) FOR SSP.30 OR NOVA°30 OR NOVA°30 (90°)

*** ACCESSORY (SPARE PART) FOR SSP.50 OR NOVA°50 OR NOVA°50 (90°)