SimScribe ESD Pen sterile/non-sterile

A cleanroom pen is a specialized writing instrument designed for use in cleanroom environments.
It is engineered to minimize particle generation, outgassing, and other forms of contamination that can occur with standard pens. These pens are commonly used by operators, researchers, and engineers within cleanrooms to record information, take notes, or mark materials without compromising the strict cleanliness standards of the environment.



Article data

Item name	Ref. Dustcher	Item no.
SimScribe ESD Pen none-sterile black	165126	390190
SimScribe ESD Pen none-sterile blue	165127	390191
SimScribe ESD Pen none-sterile red		390192
SimScribe ESD Pen sterile schwarz	165097	390193
SimScribe ESD Pen sterile blue	165096	390194
SimScribe ESD Pen sterile red		390195

Technical information

Sodium Content (ICP-OES)	
Black	194 mg/kg
Blue	< 50 mg/kg
Red	on request
Packaging	
	1 pc / bag;
	12 bags / outer bag;
	40 bags / liner /case

Features:
- Low sodium ink to address contamination concern
- Non-smearing, permanent ink
- The barrel is made of polypropylene (PP) and is ESD-safe
- Provides a secure placement on garment hook or clipboard
- The clip design helps to prevent pen from rolling on a flat surface to prevent particulate generation
- Also available in sterile version
- available in sterile and none-sterile

Applications:
- Widely used in static-sensitive area, like cleanroom environment in microelectronics, biotechnology, aerospace and more, where the presence of even microscopic contaminants can be detrimental to the manufacturing or research processes.
- Suitable for use in Class 100 or above environment
- Tested on ISO 12757-2:1998 point pens and refills

Clause	Test Item	Test Requirement / Test Method	Test Result
4	Requirements		
4.1	General requirements	See the general requirements given in ISO 12757- 1:1998 (4.1 to 4.3.4 and 4.3.7).	Pass (Refer to appendix A)
4.2	Erasure resistance	The surface of the testing paper shall show clear evidence of damage before the line is rendered invisible when tested as specified in 6.2.1	Pass
4.3	Ethanol resistance	The line shall remain visible when testeed as specified in 6.2.2	Pass
4.4	Hydrochloric acid resistance	The line shall remain visible when testeed as specified in 6.2.3	Pass
4.5	Ammonium hydroxide resistance	The line shall remain visible when testeed as specified in 6.2.4	Pass
4.6	Bleaching resistance	The line shall remain visible when testeed as specified in 6.2.5	Pass
4.7	Water resistance	The line shall remain visible when testeed as specified in 6.2.6	Pass
4.8	Light resistance	The line shall remain visible when testeed as specified in 6.2.7	Pass See result 1

DOMINIQUE DUTSCHER SAS

All statements without guarantee. They were compiled on the basis of extensive research. A legal liability can not be derived from this.

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