

ESD pen

(Code no.: 37801030 & 37801032)

*Color: Yellow / Black

Static dissipative pen suitable for EPA areas. The pen surface does not create a dangerous electrostatic charge and is able to conduct any charge from the operator's body to the ground when in contact with a semi-earthed surface. It meets all standards for the pen to be used in EPA areas. The pen has an engraved ESD symbol that will not wear off with use.

- Basic conductive material - aluminum
- Surface color: yellow or black
- Pencil color: blue
- Engraved description: ESD PEN
- Surface resistance: $< 10^8 \Omega$ (in accordance with standard 61340-5-1)
- Charge generation on the surface of the pen: $< 100V$ (in accordance with standard 61340-5-1)
- Charge drop from 1000 to 100V: $< 0.3 \text{ s}$ (in accordance with standard 61340-5-1)
- ESD characteristic symbol
- Pen length 13.7 cm
- Complies with standards: IEC 61340-5-1, IEC 61340-5-2, IEC 61340-2-1, IEC 61340-2-3



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Electrical features:

	Testing standard	Measured values	Standard requirements
Surface resistance of the pen	IEC 61340-2-3 IEC 61340-5-1	$R_{pp} < 10^8 \Omega$ average 49,15 M Ω	$< 1 \times 10^9 \Omega$
Charging the pen by friction	IEC 61340-5-1	$< 50 \text{ V}$ average 19,14 V	$< 100 \text{ V}$
The charge on a charged metal plate drops from 1000V to 100V through a pen	IEC 61340-2-1 IEC 61340-5-1	$< 0.3 \text{ sec}$ average 0.28s	$< 2 \text{ s}$