Tested safety

EUROKRAFTpro's ESD transport devices have been tested in accordance with IEC 61340:2016 and offer you the safety you need and expect. All ESD products come with a corresponding test certification.

EUROKRAFTpro

An introduction to ESD:

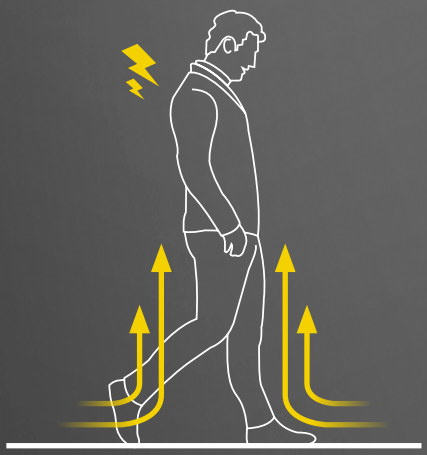
What is ESD?

ESD stands for electrostatic discharge. This refers to sparks or a flashover caused by large differences in potential (different voltages).

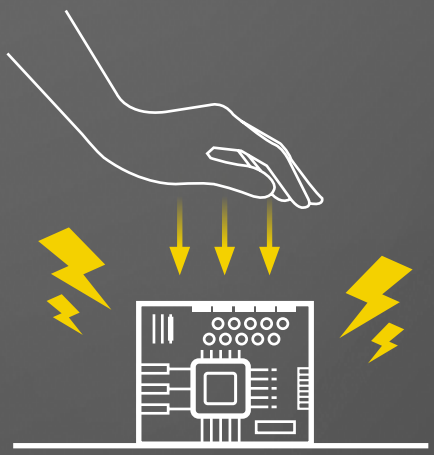
Why is it important to know all about ESD safety?

ESD can lead to concealed damage or even immediate failure of sensitive electronic assemblies. Whereas a person can only feel a discharge of 3000 volts or more, as little as 30 volts can cause a defect in electronic components. In order to prevent high secondary costs in relation to claims and the loss of customer confidence, the use of ESD products becomes particularly important. Our safety tested products ensure that you can transport your sensitive electronic components safely.

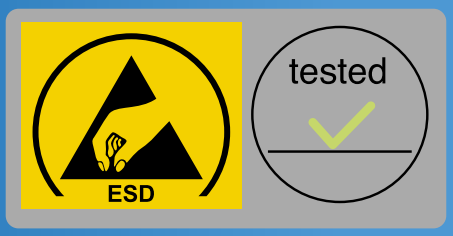
How does ESD form?

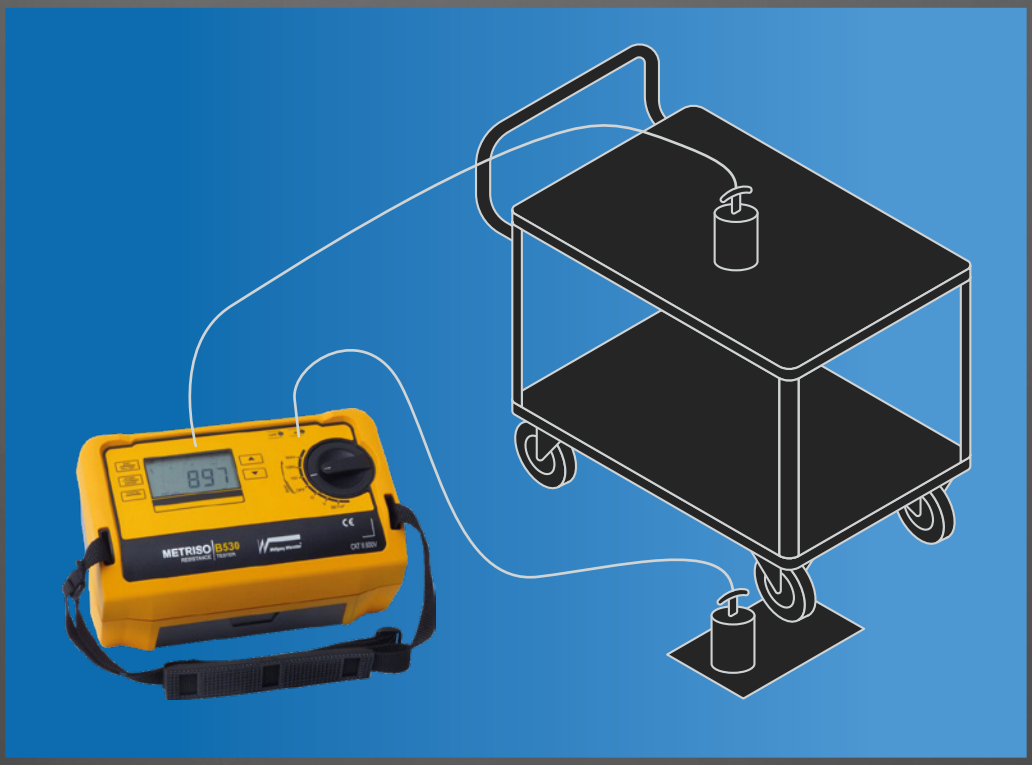


ESD is formed, for example, when walking. The human body is charged, so to speak, while doing so. The body can absorb high charges.



These charges discharge upon contact with the component, and can damage it. Resistance ranges are defined in accordance with IEC 61340:2016. A distinction is made between conductive, dissipative and insulating.

ESD certificate	
Measuring method	Resistance measurement using a high resistance meter and 2x 2.27 kg electrodes
Standards	Specification: IEC 61340-5-1 Part 5-1 Implementation: IEC 61340-2-3
Upper threshold	Rg < 1 x $10^9\Omega$ = < 1 GΩ
Lower threshold (recommended)	Rg > 1 x $10^4\Omega$ = > 10 kΩ



The test is carried out in accordance with IEC 61340-2-3 and meets the requirements of IEC 61340-5-1.

KAISER+KRAFT

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