

ESD desk complete set 60 x 40 cm with accessories Item-No.: 23EC158



EN 61340-5-1



This "all-round carefree package" contains everything you need to handle electronics! The vinyl-coated work mat has a leakage resistance of $10^7 - 10^9$ Ohm, is abrasion-resistant and has a certain basic resistance to heat such as dripping solder. The practical size and shape of the mat proves to be advantageous when working - in the left and right corner there is a 10 mm push button terminal to which the supplied arm wrist strap and the grounding connection can be connected. In addition to the grounding wire, a grounding plug according to CEE 7/3 standard is also supplied, which makes otherwise possible, adventurous wiring experiments with the grounding point or an additional accessory purchase for proper connection unnecessary. The set is sensibly rounded off by ESD tweezers made of coated stainless steel, five conductive plastic tweezers and five conductive ESD brushes, which prevent voltages from building up even during use, e.g. when removing dust from modules. Another and very important feature is the conformity with the legal regulations DIN EN 61340-5-1 (requirements for protection against electrostatic phenomena). This is the only way to ensure that the device also ensures the function, namely to protect the components from the electroshocks.

This Product contains: Table mat, antistatic (60 x 40 cm) with two push buttons • 1x Arm wrist strap with 10 mm push button connection • 1x Spiral cable black 3.6 m push button 10 mm + adapter • 1x Spiral cable blue 3.6 m with two push button connections 10 mm • 1x Protective contact plug device for grounding conductor connection to conventional sockets • 1x Connection adapter banana plug to 10 mm push button plug and socket • 5 x ESD tweezers made of conductive plastic (surface resistance $10^5 \dots 10^6$ Ohm), different tips, length: 115 mm each • 1 x ESD tweezers made of stainless steel, dimensions: 123 x 10 mm, tip fine 0.5 mm with black and antistatic epoxy coating on the handle • 1x ESD brush length: 17 cm, bristle head length: 6.1 cm • 1x ESD brush bristle head width: 0.8 cm, bristle length: 2.5 cm / length: 14.3 cm • 1x ESD brush bristle head length: 4.7 cm, bristle head width: 0.8 cm, bristle length: 2.5 cm • 1x ESD brush length: 14.1 cm, bristle head length: 3.8 cm, bristle head width: 0.8 cm, bristle length: 2.5 cm • 1x ESD brush length: 12 cm, bristle head diameter: 1.1 cm, bristle length: 1.6 cm • 1x ESD brush length: 14.8 cm, bristle head length: 1.8 cm, bristle head width: 0.8 cm, bristle length: 1.8 cm.

Product is compliant to DIN EN 61340-5-1:2016

	Test method	Limit value	Typical value
Resistance to the earth bonding point	EN 61340-2-3	max. $10^9 \Omega$	$10^7 - 10^9 \Omega$
Point-to-point resistance	EN 61340-2-3	max. $10^9 \Omega$	$10^7 \Omega$

Ambient conditions: R.H. 12% ($\pm 3\%$) / Temperature 23 °C (± 2 °C)

