

JBC

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INSTRUCTION MANUAL



TMS / TMB

ESD Table Mat

This manual corresponds to the following references:

TMS-A (450 x 600 mm / 17.72 x 23.62 in)

TMB-A (900 x 600 mm / 35.43 x 23.62 in)

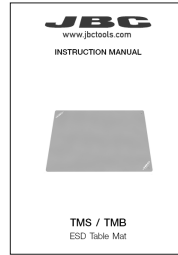
Packing List

The following items are included:



ESD Table Mat 1 unit*

* size according to purchased reference



Manual 1 unit

Ref. 0031825

Application

To equip an EPA (Electrostatic Protected Area) workplace, it is necessary to place, among other items, an ESD table mat on the workplace.

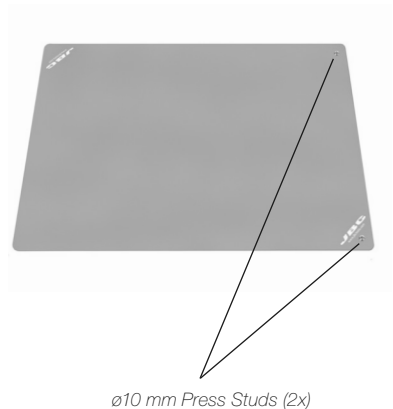
These components help to protect static-sensitive components from electrostatic discharge by dissipating charge from objects placed on their surface. This prevents sensitive components from being damaged by electrostatic discharges.

Features

The table mat is heat-, solder-, oil- and chemical-resistant.

It comes with an anti-reflective grey surface, a non-slipping bottom-side and rounded corners.

Each table mat is equipped with two $\varnothing 10$ mm press studs, any of which can be connected to an earthing connection or a grounded common point.

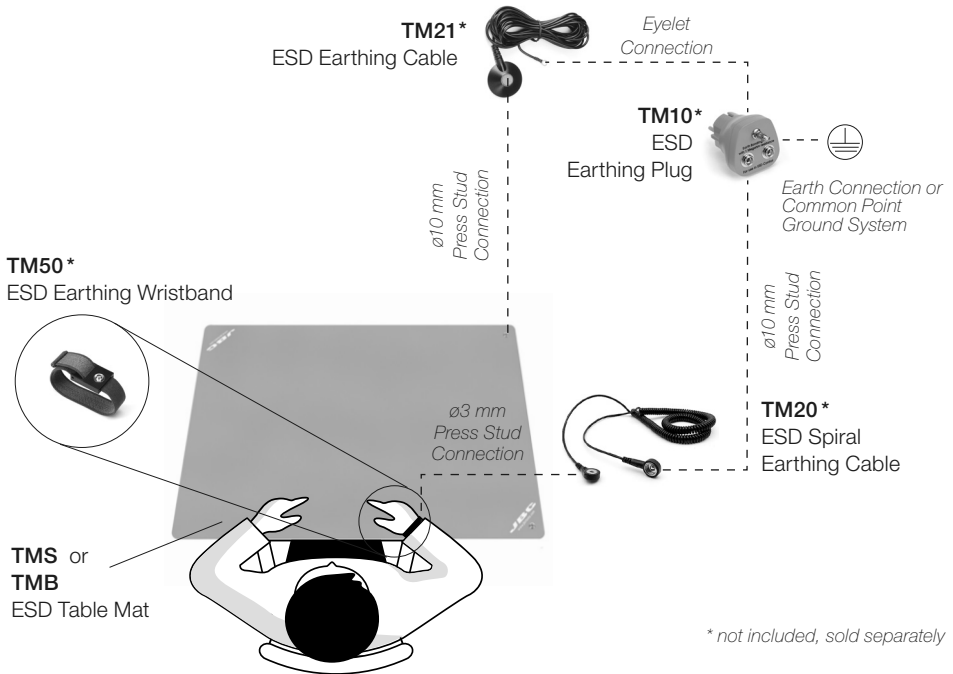


$\varnothing 10$ mm Press Studs (2x)

Work Place Connection Example

JBC's ESD table mat can be connected to other ESD components as shown in the picture below.

The following matching accessories are sold separately: an ESD spiral earthing cable, an ESD earthing cable and an ESD earthing wristband and an ESD earthing plug.



Notes

Notes

Specifications

TMS / TMB

ESD Table Mat

Ref.: **TMS-A** (450 x 600 mm / 17.72 x 23.62 in)

Ref.: **TMB-A** (900 x 600 mm / 35.43 x 23.62 in)

- Electrical resistance: 10⁶ - 10⁸ Ω
- Resistant to: Abrasion, heat, solder, chemicals and oil
- Connections: ø10 mm press stud (2x)
- Material: Permanently elastic
100 % PVC-FREE and PHTHALATE-FREE
Two-layered: dissipative and conductive
RoHS compliant
- Surfaces: Top side: grey color, anti-reflective
Bottom side: black color, non-slipping
- ESD certification according to: IEC 61340-5-1:2016, typical surface resistance Rpp (Point to Point) between 10E06-10E07 Ohm.
- Glow wire testing according to: IEC 60335-1:2010 (750 °C for a duration of 30 s.)
- Needle flame testing according to: IEC 60695-11-5 (Top and bottom side no flaming, no glowing for a duration of 30 s)

	TMS	TMB
- Total Net Weight:	0.76 kg / 1.68 lb	1.6 kg / 3.53 lb
- Package Dimensions/Weight: (L x W x H)	620 x 136 x 135 mm / 1.1 kg 24.41 x 5.35 x 5.31 in / 2.47 lb	620 x 136 x 135 mm / 1.9 kg 24.4 x 5.35 x 5.3 in / 4.19 lb

Complies with CE standards.
ESD Safe.

JBC

Warranty

JBC's 2 year warranty covers this equipment against all manufacturing defects, including the replacement of defective parts and labor.

Warranty does not cover product wear or misuse.

In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased.



This product should not be thrown in the garbage.

In accordance with the European directive 2012/19/EU, electronic equipment at the end of its life must be collected and returned to an authorized recycling facility.

