

X-1B-1M ELME ESD WORKSTATION MONITOR—HANDBOOK



Dimensions : 2,54X6,10X5,84cm

Mounting : Mounting materials included

Power supply :220VAC/12VDC,100mA (Euro,USA standard power supply can be provided)

Audible alarm :10 beeps(max); 5 seconds Adjustment :No adjustments required

Wrist strap open circuit voltage : 0.7 VDC,+/-0.1VDC @<2Ma

Mat open circuit voltage :5.0--7.5 VDC

Alarm indicators :Visual,audible(green:safe , red:unsafe)

Alarm set point:

Wrist strap: 38 to 87 pF(human body) - with 1 MOhm wrist strap resistance

Mat: 6.5 MOhm

Std.: EN IEC 1340-5-1 / ESDA 2020

Control: no periodic calibration required



X-1B-1M front and rear with connections of power supply, ground cord, wristband and workstation.



Installation

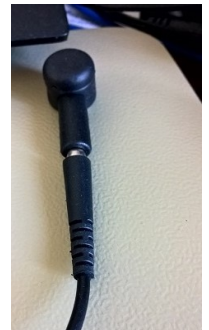
1. Mount ELME **X-1B-1M** in a convenient place on the workbench by using the Velcro supplied with the unit or the optional mounting bracket. Mount the operator pads on either side of the workbench .Units are frequently mounted on the underside of the workbench to keep them out of the way.
2. Connect the **X-1B-1M** ground cord to a suitable grounding point
3. Verify that the workbench ESD mat is connectet to a suitable grounding point
4. Connect the bench cord of the **X-1B-1M** on the rear panel and the other end to the table ESD Mat ground suitable point
5. Wear the wristband tight on your wrist and connect the wristband cord to the front banana inlet
6. Plug in adaptor to a 220v AC grounded outlet.
7. At this time both LEDs on the front panel shall be green.
8. The buzzer with sound and the LED will turn red only if you disconnect the system from the ground or if you unwear your wristband
9. No periodic calibration is required.

NOTE: for the correct work of the X-1B-1M it is needed to check that all connections are firm and stable, that the grounding of the working place is good and that the wristband is making a good contact on the skin of the operator



**ESD COMMON POINT TO GROUND
FOR ESD MAT AND MONITOR**

ESD MAT GROUND CORD

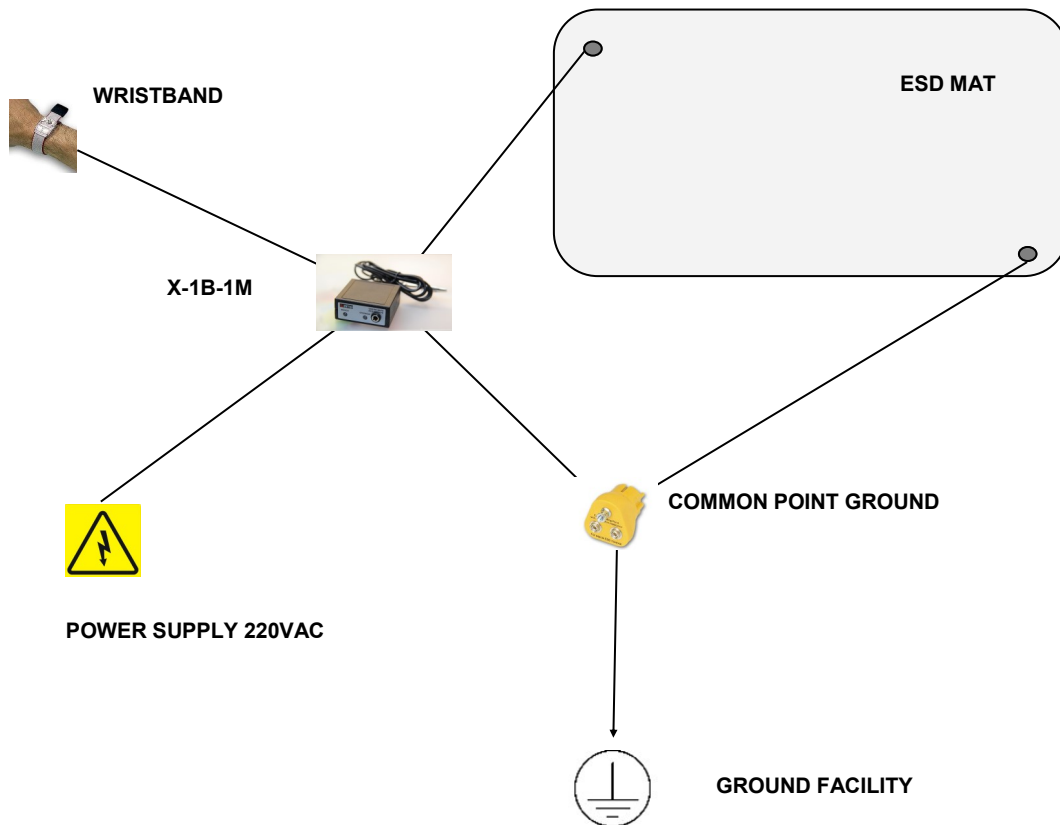


**ESD MONITOR POWER
SUPPLY**

**ESD "ONE TOUCH" ADJUSTABLE
WRISTBAND**



APPLICATION FOR X-1B-1M



ITEM: ELME X-1B-1M

TESTER#:

DATE:

SIGNED:


EUROSAFT s.r.l.
Via San Vito, 18
20123 MILANO (Italia)
P. IVA 06729900966

The datas shown above are intended only as general indication of the standard production values. The do not refer to specific production lots. The document has no legal value.