

DATA SHEET
BENCH TOP IONIZER
(Model: BTI-01)

Bench top ionizer are useful in neutralizing generated electrostatic charges, which may cause Electrostatic Discharge, Electrostatic Attraction, as well as preventing equipment latch-up and safety related shock. The model BTI-01 is a portable unit designed to neutralize static charges from insulator surfaces in assembly areas, wave soldering lines, laboratories, storage racks, test stations and packing areas.



The Ionizer works on the principle of high voltage corona discharge to produce the neutralizing ions, and it produces ions airflow that is rich in positive and negative ions directing the airflow on an object that has static electricity in order to neutralize the charges. It will be neutralized by attracting opposite polarity charges from the ionized air. It does what grounding cords, table mats & antistatic laminates cannot do (i.e., remove the static charges from insulator objects and surfaces). More over the bench top ionizer is designed with compact high voltage pulse circuitry for continuous trouble free operation.

SPECIFICATIONS:

Power supply	: 230V AC 50Hz
Power consumption	: 25 watts
Speed	: 2550 RPM
Air flow	: 2.24 m ³ /min
Noise	: 45 dBA
Static pressure	: 6.4 mm H ₂ O
Ionization voltage	: 6 - 8 KV
Ion balance	: under +/- 100 V
Construction	: Powder coated MS cabinet
Dimensions in mm	: 225 x 190 x 110 (with stand & knob bolt)
Weight	: 2.7 kgs
Warranty	: One year