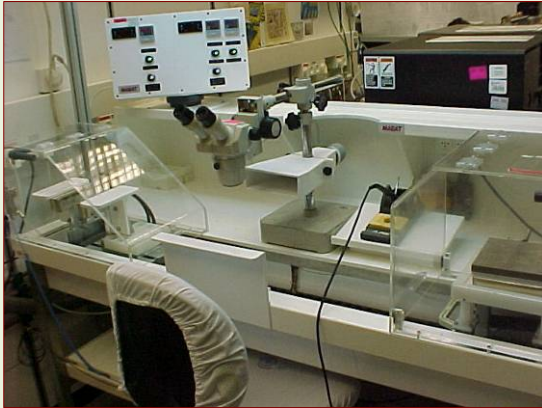


TB-SL-3000 Semi-Automatic Holding Soldering Plate Workstation



The semi-automated load/unload, has two motion axis soldering characteristics controlled workstations.

TB-SL-3000 supply hand-free product handling in the clean working environment for the high quality electronic assembly production industry. The attached gas chamber provides the perfect mix of Nitrogen and Hydrogen with a supply of required Oxygen to establish controlled solder clean working area.

The controlled TB-SL-3000 consists of a temperature controller for both Holding and Clamping Plates to accompany almost any micro-electronic type production module without the need for the use of dedicated fixtures. It can be accomplished with the use of a vacuum system driving clean sucking air through a hole located in the center of the holding plate.

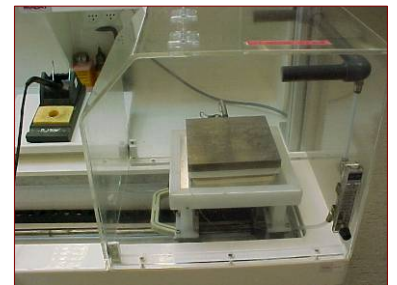
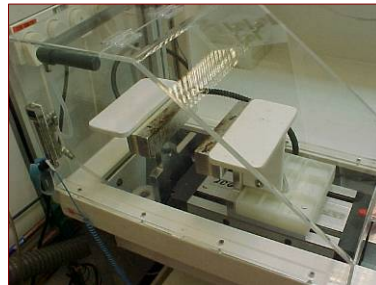
Standards

MABAT works in accordance with ISO.
ISO 14001 and ISO 9001 standards.
Member of SEMI .

All products are design and manufacture according to SEMI guidelines.



- Hot temperature control of the heating clamps surface
- Hot temperature controlled to both surface sides of the Clamping Plates, each side has separate controller
- The unit is controlled by local indication panel
- External temperature indicator to use for measuring the temp. On the welding surface
- The unit can be supplied with hot plate surface



Options

- Microscope (by customer)
- General dimensions could be modify according to customer requirements
- Working area could be modify according to customer requirements

TB-SL-3000 Semi-Automatic Holding Soldering Plate Workstation

Dimensions

	Height	Width	Depth
General	1,120 mm	1,650 mm	755 mm

Utilities Needed

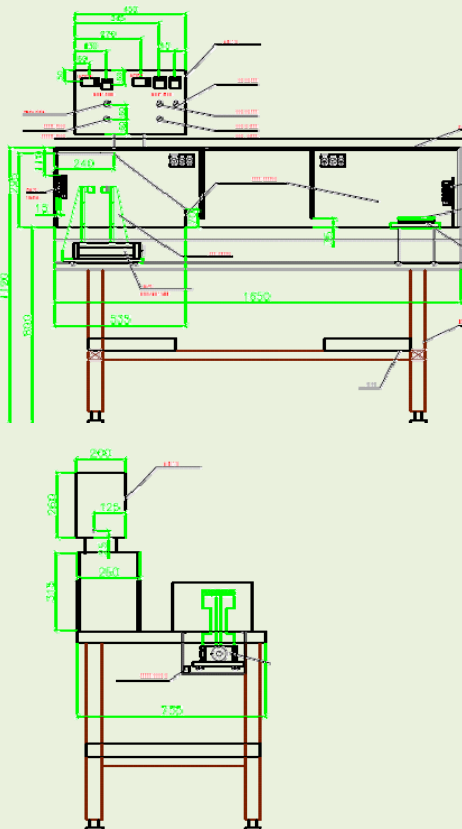
Gas N ₂ Flow	50 lpm Max.
Gas N ₂ Pressure	60 psi

Electrical

Supply	220 VAC 6A
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Construction Materials

Frame structure	Aluminium
Work Surface	Wood coating with HPL antistatic surface
Gas Chamber	Perspex
Heating plate	Aluminium
Hot clamp	Aluminium



MABAT can offer a turn-key solution if required and have their own experienced team or approved local contractors to ensure project installation and acceptance deadlines are achieved.

MABAT have a range of products to suit most applications and can also provide custom built systems for non-standard requirements. Site visits can be arranged to ensure the end user's exact needs are understood and accommodated.

Please contact our offices to obtain advice and quotations.

For applications outside any system's specification or capabilities please refer to our local representative or the MABAT Headquarters at Kiryat Gat.

MABAT have more than 25 years experience supplying systems to the Semiconductor and Solar Cell manufacturing industries.

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