



REFLOW-KIT[®]
Beta LAYOUT

Magnetic workbench Instruction Manual



www.beta-eSTORE.com

Beta LAYOUT Ltd. • Bay 98 • Shannon Free Zone • Shannon, Co. Clare • Ireland
Phone +353 (0) 61 70 11 70 • Fax +353 (0) 61 70 11 64

Beta
LAYOUT
create : electronics



REFLOW-KIT[®]
Beta LAYOUT

Magnetic workbench for small SMD stencils

The magnetic workbench allows problem-free application of solder-paste onto an SMD array. The SMD stencil is held in place on a magnetic hinge while the PCB is held in position using the tailor-made flexible magnetic strips.

Maximum PCB dimensions: 160 mm x 270 mm

Contents:

- 1 SMD stencil workbench (in magnetic Vanadium)
- 4 permanent magnets
- 1 slab of flexible magnetic strip (which can be cut to measure)
- 0.6 mm spacer (if you are using 1-mm PCB material to adjust it to the correct height)

Instructions:

- 1 Unpack the workbench and set it on an even surface.

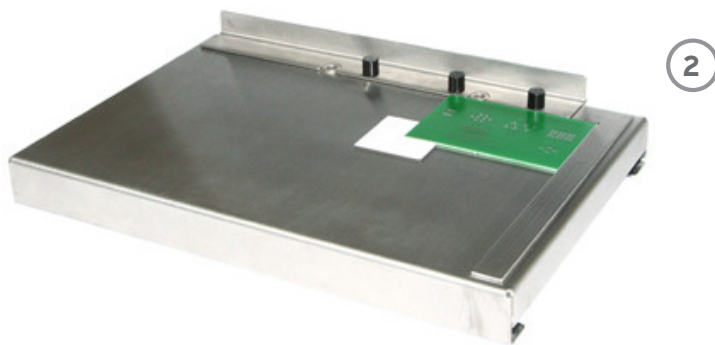




REFLOW-KIT[®]

Beta LAYOUT

- 2 Place the PCB in the top right corner. If you are using 1-mm PCB material, place a spacer board beneath the PCB to adjust it to the correct height. Use a scissors to cut an L-shaped piece of magnetic strip that will hold the PCB in position at the lower left-hand corner of the board.



- 3 Lay the stencil over the PCB and using the magnets, fix it in position on the folding hinge.

Now make sure the stencil is perfectly flush with the pads.

Place a portion of solder-paste along one side of the stencil and using the spatula, apply it to the PCB in one smooth motion.





REFLOW-KIT[®]

Beta LAYOUT

- 4 You can retract the SMD stencil simply by tilting the hinge back.

Now you can remove the PCB and if necessary insert further boards to work on, always taking care to ensure that the stencil is flush with the pads each time.

