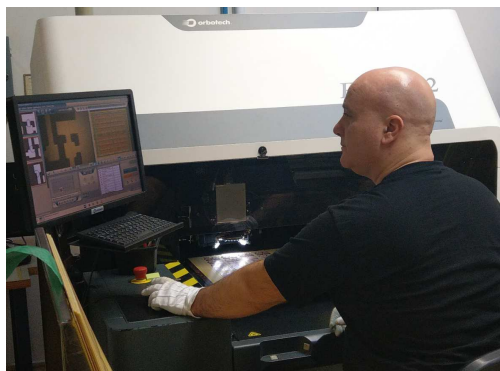


Automated Optical Inspection

Our PCB factory in Sweden recently installed an AOI for control of inner layers

The AOI-equipment from world leader Orbotech scans inner layer at top speed and compares the result with CAM-files in real time. Any non-conformances are presented on a display for the operator. The operator can analyze the indication and decide based on his experience.

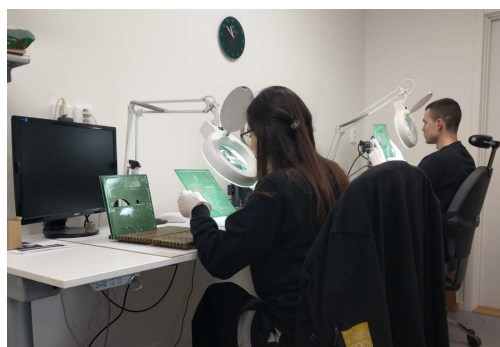
Very small short circuits, open circuits, copper residues and damages are discovered in the AOI. Outer layer can also be inspected in the AOI when required.



Quality control update

Major renovation and building projects are going on in our Swedish factory. Our FQC are now settled in a new and fresh space. Besides electrical test there is 100% visual inspection

Two sets of camera-assisted amplification equipment is also there for control of details according to the IPC-standard.



Quality laboratory

Besides renovation of our production facilities and new machine installations, we have built up a new quality laboratory with some new equipment. Quality control of chemical coatings, materials and final products are conducted in the laboratory. Cross sections, XRF-measurements, delamination test and solderability tests are some of the analysis made in the laboratory.

MMABs sales office in north part of Sweden also accommodates a complete laboratory with microscopes and equipment for analysis of cross sections as well as solderability. Our local office in Czech Republic have their own microscope for quick visual inspection of samples.



More information about our products and technical support can be found at www.mmabgroup.com

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