

Subject: Re: SELECTIVE SOLDERING

Good Afternoon

Regarding the MAS-31 Selective Soldering Machine, CADService option to buy it from 1Clicksmt was not only because of financial reasons, (but emphasizing that it is 1/3 of the price of the competitor) but mainly by the practical and real results and flexibility to cope with demands in our process, that has a large variation of PCB types.

In our production process, before buying the machine we had the worry that the MAS-31 Selective Soldering Machine would become a bottleneck, due to the limitation of time in the 3 modules (fluxing, pre-heating, Soldering). The machine itself is very flexible, and the manufacturer offers many options, with different configurations. If we had bought a machine from the other manufacturer, we would not have such flexibility, and in the case that it might be necessary to increase production, we would have to buy another complete (quite expensive) machine. After two years using the Selective Soldering Machine from 1Clicksmt, we have no bottleneck problems. And we are certain that whenever we have a need for more production, we will get additional modules for a very good cost performance level.

Regarding operation and maintenance (both preventive and corrective), the machine is extremely simple. We had two years of very little need for support, and when it was needed, the technical support we received from 1Clicksmt and its representative was very fast, professional and effective.

Programming the machine is extremely easy. I would say that any child with ability to play with PAINT would be able to program and start production with this equipment. In our case, we use a scanner, and use the image of the PCB to easily define the points and paths to be fluxed and soldered.

The fluxer is precise, simple to use, economic and does not contaminate our PCBs. We use less than one liter of flux per month for all our production demand !.

Before buying the Selective Soldering Machine I was used to Wave Soldering. I was afraid that the small solder tank (compared to the wave soldering machine tank volume) would not have enough power to keep the temperature of the solder in its small wave. We made various experiments and the results were very satisfactory. Even when we solder PCBs with a large thermal mass, multilayer, and soldering components such as metallic heatsinks, shielding cases, the temperature keeps stable.

In summary, CADService is very satisfied with the 1Clicksmt's Selective Soldering equipments and recommend it to other companies.

Thank you



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