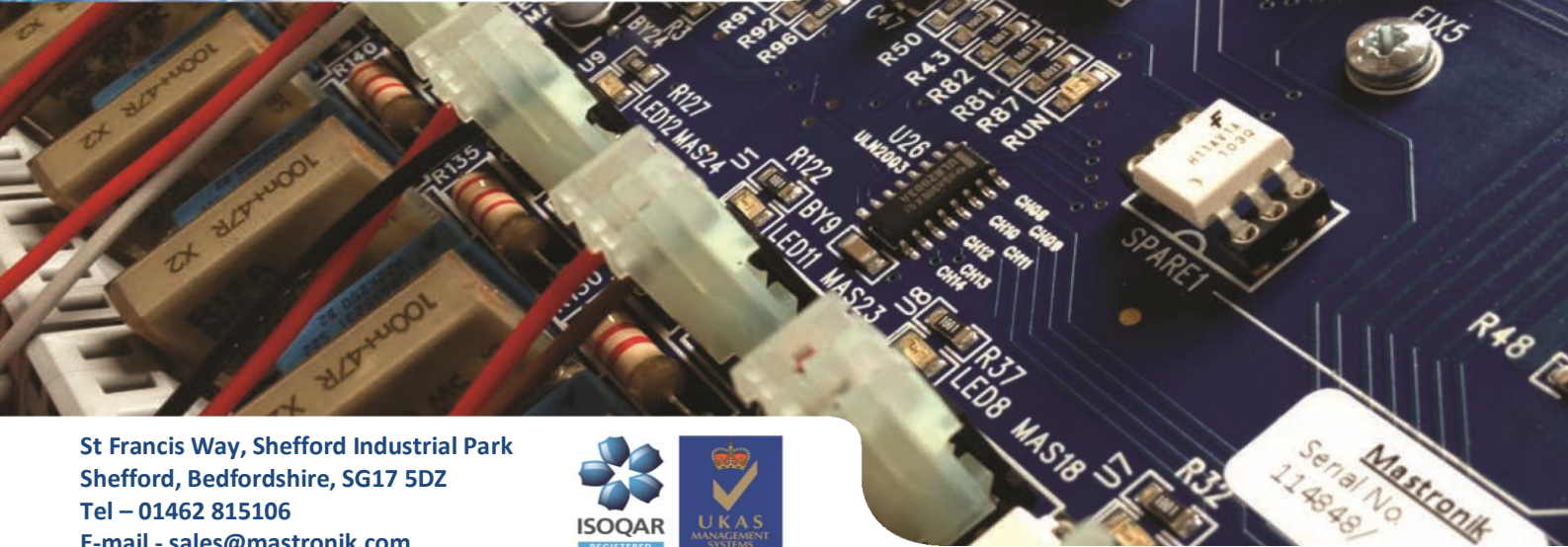




**MASTRONIK
SYSTEMS LTD**
↑ manufacturing excellence



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ISO9001 Certificate No. 13772

Established in 1999, we have earned a reputation for our innovative and practical approach to offering solutions to customer requirements.

It is always our aim to be viewed as an extension of any customer’s organisation and, as such, we make a point of providing the benefit of our own manufacturing experience to any project we are involved in.

We pride ourselves on being small enough to be able to respond to our customers’ urgent requirements, and yet have the strength, experience and procedures to ensure your company is supplied with the high quality product it demands.

Specialist manufacturing software with barcode technology is used throughout the manufacturing process. This allows traceability to component level at all stages of the build. Powerful planning and purchasing tools mean our customers are able to plan their output with the utmost confidence.

Issue control is a fundamental element of any production process. Our custom software strictly controls the manufacturing revision while providing structured document control throughout.

Our strong procurement capability enables us to deliver cost effective turnkey solutions.

The manufacture of complete box build assemblies, cable forms, looms and data cables as well as panel building and mechanical assembly of all types has long been central to our manufacturing operation.

So, are you looking for a professional manufacturing service to replace or complement your existing arrangements? Our goal is to become your production solution.

We offer a wide range of manufacturing services; from prototypes and small production runs, through to volume automated surface mount PCB assembly. We use sophisticated manufacturing and automated inspection techniques utilising state-of-the-art machinery to provide high quality products on time every time.

The most recent additions of new machinery being that of a Europlacer lineo pick and place machine and a TSM A70J82S Reflow oven bringing enhanced precision & reflow capability to our existing surface mount operations.



PCB Assembly

We have developed an extensive knowledge of PCB manufacturing techniques; building Analogue, Digital, RF and mixed technology products. With automated surface mount and conventional assembly capabilities, state-of-the-art software and advanced tools; our highly trained workforce takes great pride in producing high quality products each and every time.



Surface Mount Technology

Precision is paramount and so to advance our production facilities we have invested in state-of-the-art software and machinery. A Europlacer lineo pick and place machine and a TSM A70J82S Reflow oven with the latest Automatic Profiling System. These new additions to our range of machines enhance our ability to place SMD fine pitch, BGA, 0201 sized components and other leadless devices.

Conventional Assembly

Using sophisticated assembly techniques we can populate and hand solder low and medium volume boards; for higher volume production we are equipped with the latest wave soldering machinery. Cleaning of assembled boards is carried out using our new ultrasonic cleaning system.

Inspection and Testing

Our experienced inspection team makes use of the latest automatic inspection techniques in maintaining outstanding quality control methods within our SMT and conventional production departments. We also provide rework and modification services, X-ray inspection, full board testing (ATE, flying probe & functional)

Box Build Solutions

Our Box Build solution can provide everything needed from concept, design and prototyping all the way through to production engineering. Utilising our vast skill set that covers procurement, PCB assembly, cable building and cable forms, as well as mechanical engineering and testing. We can assemble a wide range of products; from simple chassis sub-assemblies through to complicated final integrated systems.

Quality

We operate a quality system which ensures consistency and control of all products and services offered by the company. The system meets the requirements of ISO 9001:2008 and is implemented across all activities which impact upon our customers.

We commit to continually improve upon our services and production processes.