

A.S.T. - Angewandte System Technik GmbH, Mess- und Regeltechnik in Dresden is a leading company in the field of force measurement and sensor technology. Core activities are the development, production and distribution of force sensors, load cells and system technology. The location is supplemented by the business and production areas electronics and mechanics, which realize both internal orders and external customer orders - from development and construction to series production.



Electronic manufacturing - your reliable EMS service provider

The electronic production of A.S.T. GmbH in Dresden is your reliable EMS service provider for the production of RoHS compliant components. We take over the conception and development of new products, the production of samples as well as the on-time serial production of electronic assemblies and the associated device assembly for you. In addition to the classic technologies of an EMS service provider, we also have fast access to our own development and design departments as well as mechanical production.

Electronics development

You need a new development or a re-design of your assembly? With the help of our experienced hardware and software developers as well as our engineers and designers, we guarantee you the complete process from your idea to series production from a single source.



Surface Mount Technology (SMD)/ Through-Hole Technology (THT)

With our SMD assembly lines with solder paste printer and reflow soldering system, we guarantee on-time production. Additional technologies are also available:

- Wave soldering system with alternating solder baths for Pb-containing and Pb-free solder
- Selective soldering system for combined or double-sided printed circuit boards
- THT manual assembly workstations and mini wave soldering machines, e.g. for pre-series production.



Tests and functional tests

In addition to the permanent visual inspection of the electronic assemblies by our qualified production personnel, we offer an automatic optical inspection (AOI) as a standard service. Furthermore, wiring and functional tests of individual components or complete end assemblies as well as their documentation of results are part of our service portfolio.

Final assembly and shipping

At the end of every production process there is professional assembly as well as ESD-compliant labelling and packaging of end products. The goods are dispatched to you as our customer or, if necessary, to your end customer.

EMC tests

In our EMV laboratory we offer you the measurement of electromagnetic compatibility among other things on industrial, scientific and medical devices according to DIN EN test standards. In addition, we take on preliminary measurements for you in preparation for certified tests and advise you on EMC measures.



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