

Electronic Manufacturing Services (EMS) Reference project „Energy Monitoring“

From small series to mass production

Electronic Manufacturing Services by FRIWO: For us, this means not only delivering the customer's product exactly as ordered, but also accompanying him in his own further development. Together with an innovative startup from the field of energy management, we have taken the challenging path from very small series to mass production - and have achieved much more than just produce according to the given plans.

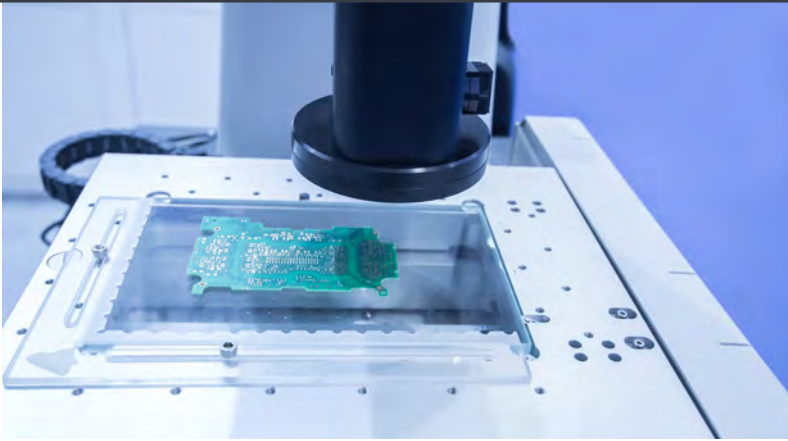
In 2010 our customer approached us with the request to develop his first own product. It was a new type of electricity meter for consumption-based cost calculation, which was originally designed for general commercial use as well as specifically for the proportional introduction of renewable energies at various consumption points. Today, this solution can also be found on a large scale in the area of charging stations for electromobility.



FRIWO took over the production of the complete device at a very early stage of product maturity. During the first small series of 500 units, we identified various potential improvements, which affected not only the manufacturing process but also the product itself. These improvements were implemented in a partnership between the specialist departments on both sides.

With extensive technical support, the monitoring system was brought to serial production and today runs off the production line in annual quantities of approximately 25,000 units. In addition to the assembly of the products, the complete testing processes as well as the customer-specific packaging of the devices are also carried out in our company, so that the customer ultimately receives a completely saleable device as a complete solution from a single source to the respec-





tive destination. The key success drivers in this project to success were not only classic EMS factors such as pricing, delivery time or manufacturing quality, but also soft factors such as open and timely communication, a solution-oriented approach or the customer's direct access to FRIWO's specialist departments.

Even after a decade, there is no end in sight to the excellent cooperation - and we are happy to continue being part of this success story.



Questions?

As an experienced EMS service provider, FRIWO offers you complete contract manufacturing for electronic assemblies and devices. Discuss your ideas and projects directly with our EMS expert:

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Electronic Manufacturing Services by FRIWO

We accompany you from the procurement of components through production, testing and packaging of the devices up to the delivery to your customers.