



Xensor Integration

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Designing, prototyping, manufacturing

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MEMS Assembly Services

Low to medium volume production assembly

We offer the service to manufacture MEMS products in low to medium volumes using semi-automatic processes. Assembly services can be provided as a separate service or as part of the cycle 'from idea to product'.



Assembly capabilities

In our MEMS-assembly lab we have the following equipment and processes capabilities available

- Wafer sawing
- KOH etching of silicon
- Flip-Chip and Die attach
- Semi-automatic wire bonding (Au and Al)
- Chip on board / Chip on flex
- Anodic bonding
- Mechanical assembly
- Micro soldering

Test capabilities

- Electrical and temperature calibration
- Electrical test
- Leak & Flow test
- Functional tests

In-process quality control (QC)

- Wire bonding pull test
- Visual microscopic inspection
- Automated parameter check

Our satisfied clients can be found in the following industries



aviation



hydrogen and nuclear
technology



laboratory equipment



medical



research and
development

Quality assurance

Xensor Integration is committed to quality as a main axis, around which all the company activities pivot. Every employee, on a daily basis, maintains a high level of quality to fulfil the customers' requirements.

Xensor is regularly audited by its customers, verifying the customer-specific quality systems set up and maintained for them.

Supply Chain Management

Our supply chain and logistics team work very closely to our design and assembly teams to create tailor made, client oriented, end-to-end set of services.

- Inventory Management
- Material Planning
- Purchasing
- Packaging & Shipment