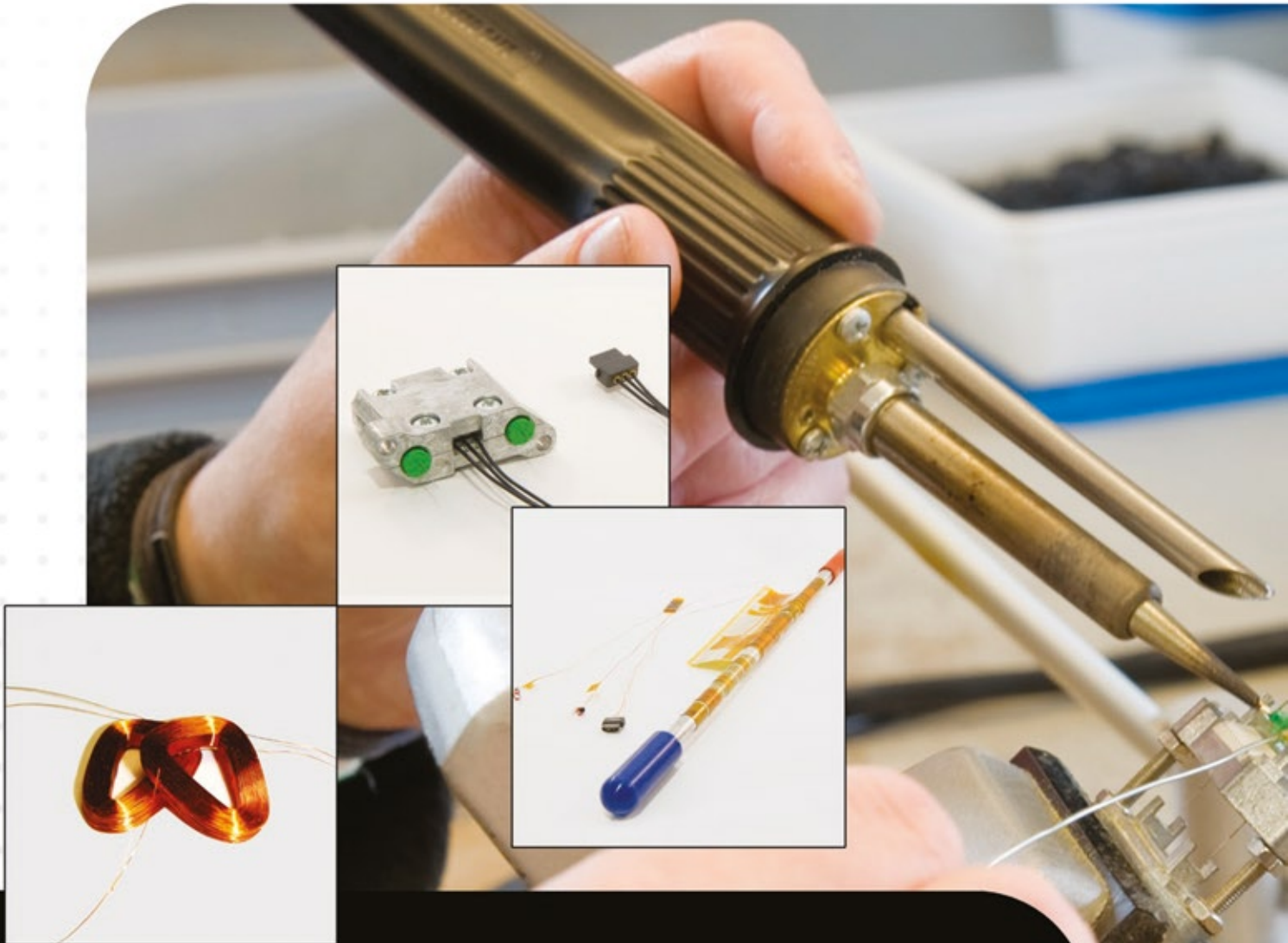


Precision assembly of (micro)
mechatronic modules and systems



Prange is truly a precision assembly specialist, at Prange we have specialized ourselves completely in the execution of complex micro assemblies.

Products assembled by Prange are (micro) mechatronic products; in which dozens of parts are incorporated, which have to be assembled by multiple techniques, with an extraordinary high difficulty level.

In order to be able to execute and ensure the reproducibility of these assemblies, Prange develops production machinery and tooling in-house. With such dedicated tooling Prange is able to solve client-specific assembly issues in the most optimal way. In doing so, Prange is capable of delivering continuous high quality (zero-defect) to her clients.

Moreover Prange has developed unique knowledge and expertise in the area of special assembly techniques, by which the manufacturability of the clients' products is increased. Examples of these techniques are, among others:

- Precision-positioningsystems
- Micro windingsystems
- Bonding techniques
- Laserwelding techniques
- Precision soldering



Prange

PRECISION ASSEMBLY SOLUTIONS

Prange truly believes in a long-lasting relationship with the client, in which process- and product optimization go hand in hand.

For various clients Prange also provides procurement, to ensure that production and assembly processes come along more efficient.

Prange is a multidisciplinary partner which offers added value to any client with a technological high-end product.

These clients are primarily active in the following market segments:

- High-tech systems
- Measurement and control
- (Aero)space
- Chemical / petrochemical
- Medical devices
- Defense
- Semiconductor
- Food processing industry



SINCE **2000** FAMILY BUSINESS
PASSION FOR PRECISION

PRECISION ASSEMBLY

- ZERO-DEFECT
- HIGH-MIX | LOW-VOLUME
- REPRODUCIBLE

1.000 mm³
complex modules

AUTOMATION
ASSEMBLY PROCESS

SMART INDUSTRY



Why outsource?

Manufacturing processes are becoming increasingly complex and capital intensive. Furthermore electro technical assemblies are becoming more and more high-tech and sophisticated. By outsourcing your assembly processes (wholly or partly) with us, you are assured of precision assembly solutions and advanced technological expertise.

Prange delivers production processes which make technological high-end products practically feasible, by which we can deliver technological complex results of the highest quality possible.

Do you see possibilities for your project or production?

Contact Jaap Wansink by phone: +31 (0)543 535 692.



• HIGH-TECH

- SENSOR TECHNOLOGY
- MEASUREMENT AND CONTROL



µm tolerance
ADHESIVE BONDING
LASERWELDING
PROCESS OPTIMIZATION

MICRO ASSEMBLY

PILOT PRODUCTION

CLEANROOM-APPLICATIONS

MECHATRONICS

TUV QUALITY MANAGEMENT SYSTEM

ISO 9001:2015



ISO 9001 : 2015



To ensure that quality is guaranteed at all times, Prange has had her quality system tested by TÜV since 2007. In addition, Prange has successfully implemented the newest norm in the beginning of 2016, which certifies our quality system according to the ISO 9001:2015.

Prange
PRECISION ASSEMBLY SOLUTIONS

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