

Microtechnical assembly

OUR BUSINESS SECTORS:

- AUTOMATION UNITS
- MEASURING AND AGEING MACHINES
- ASSEMBLY AND MACHINING EQUIPMENT
- SUBCONTRACTING



Microtechnical assembly

Our solutions

They are the result of the combination and integration of all our skills and know-how.

Built on the basis and compatibility of UNIMEC components such as robots, feeders, linear motors, vacuum / pressure technology, servo presses, drives, software and vision. Our microtechnical assembly solutions meet the requirements of the market : durability of the components, software compatibility, remote maintenance as well as modularity and adaptation to the needs of our customers.

Fonction

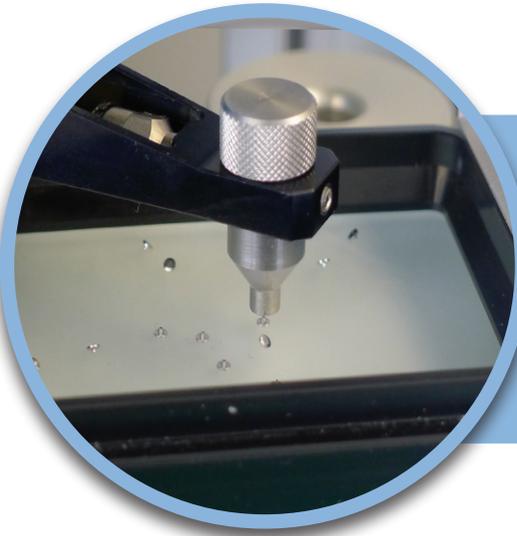
Solutions for the assembly of watch components such as:

- Plates, bridges
- Pinions, wheels, jewels, pins, screw bases etc.

Accuracy and speed

Quality automation and repetitive processes under control :

- Bulk loading of components
- Location, orientation and sorting of components by vision
- Component transfer via 4-axis robots (BE66)
- Assembly by servo press or pneumatic press
- User-friendly human-machine interface
- Export of production monitoring via computer network



UNIFEED 3400
Flexible feeding

Technical data

Driving accuracy	± 5 µm
Strength of driving	up to 2000 N
Accuracy of positioning	± 2 µm
Energy	230 V / 5 bars
Dimensions (l x d x h)	1'300 x 720 x 1'500 mm