

# Micro-BGA Reworksystem WMB 1000

The new *WELLER* rework system **WMB 1000** has been specially designed for the repair of  $\mu$ BGA components and all other SMT components. A lot of safety requirements enables the system for the use directly in the production line. Easy-to-use and a reliable temperature control loop ensures a high process security. The chosen soldering program can be stored and locked by the production manager with the key switch of the process timer. A soldering program consists of 6 parameters:

- Preheat time 1 and preheat temperature 1
- Preheat time 2 and preheat temperature 2
- Reflow time and reflow temperature

The new construction of the soldering head with a slim body allows a faster heat-up time and higher performance. Having a full view to the circuit board during component placement, the soldering head will be swung left to the operator. The soldering process can only be started when the swing arm is engaged in the working position.

## Technical data:

- 230 V ~ / 50 Hz
- Compressed air source (4 – 6 bar) required
- Hot gas heater 700 Watt
- Digital temperature control in the range between 50 °C and 400 °C
- Process timer with key switch to lock the present soldering program
- Optimised soldering head with better heat-up time and increased performance
- Height adjustment of the soldering head with latch in the top position
- Illumination
- Swing arm with safety lock
- Adjustable airflow for the hot gas and the cooling airflow in the range between 0 l/min. to 30 l/min.
- Simple desoldering process by the use of the integrated vacuum-lift
- Plastic heat shielding of the soldering head
- Base table with temperature controlled preheater available (accessory)

