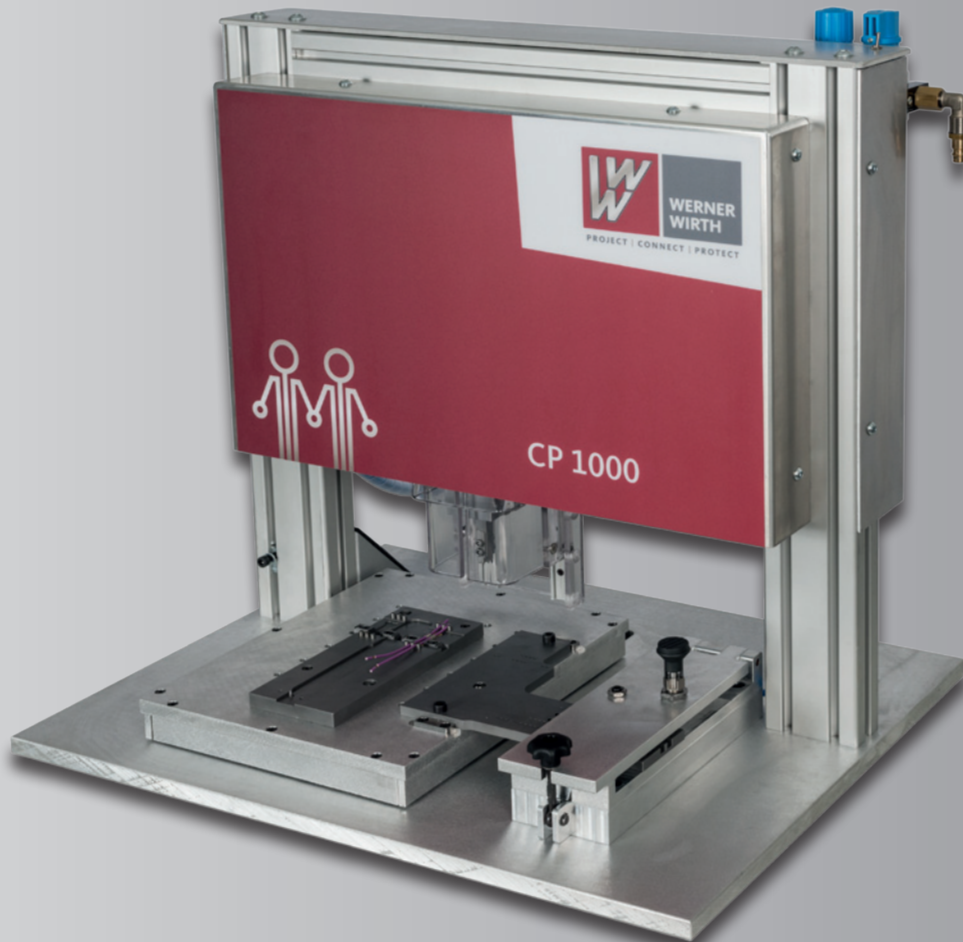


Product information

# CP 1000

Crimp press for SMT IPC and IDC contacts



## Efficient method for connecting cables to SMT boards

Cables and their connections are the nervous system for every electronic device.

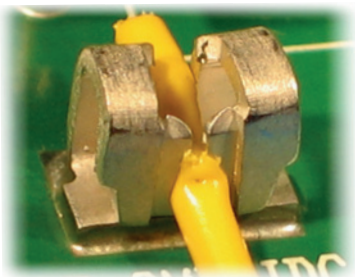
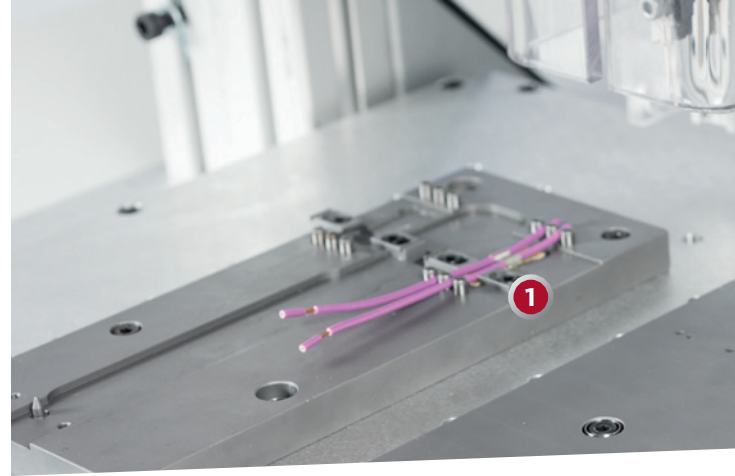
They are still seen as one of the weakest links in the production chain for electronic components, particularly in view of the huge current trend to make ever smaller, cheaper and more reliable electronic components. The answer to these challenges consists in wire-to-board connectors and in particular the crimp IPCs (insulation piercing connectors) by ZIERICK.

The insulation piercing crimp connectors permit fast, safe and extremely strong connection of cables to boards. The connectors can be used without any insulation stripping or manual soldering. No pre-tinned wires are necessary, and usually also no strain relief. Standard mounting machines can be used. After the reflow process, the cable is pressed

directly onto the board with the new crimp press CP 1000 by WERNER WIRTH.

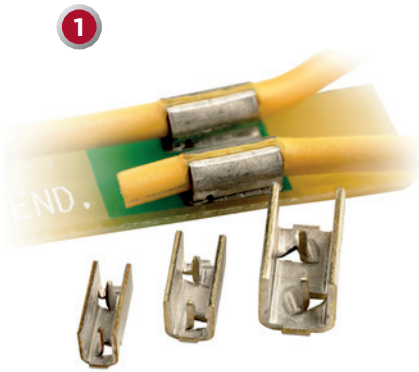
The semi-automatic, pneumatic crimping device CP 1000 is ideal for individual use with a wide range of different boards and cable connections from ZIERICK. It is rated for board sizes of up to A4. Special solutions are also possible, underlining its true flexibility.

The basic layout of the unit is adjustable in the x, y and z axes. The platform can be adjusted in all directions and the boards are positioned with an individually adjusted workpiece holder. After the reflow process, the boards and cables are simply inserted outside the crimping zone, thus ensuring user-friendly, safe and controlled insertion. An easily removed safeguard ensures easy access for changing the upper mould.



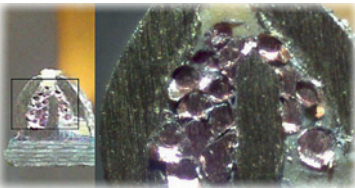
A laser pointer ensures optimum pre-positioning of the crimp press. The positioning plate clicks in as haptic confirmation that the carrier plate is in the right position. The pneumatic foot control starts the timed process. A mandrel is responsible for 100% positioning, holding the board securely under the crimp die. Fast tooling times ensure flexible use of the machine. Spacer plates permit individual adjustment of the travel path, resulting in short cycle times. The fully encapsulated system complies with the current safety standards.

Crimp press CP 1000 with its unique flexibility is the ideal solution for medium-sized and also large series. It can process all crimp IPCs and also IDCs (insulation displacement connectors). In other words, it is possible for one machine to crimp the cables into the crimp IPCs and to press these into the IDCs. All it needs is the right upper tool for each part!



#### Technische Daten

Operating pressure	6 bar (standard) 10 bar (special version)
Crimping force	230 kg (standard) 384 kg (special version)
Travel	75 mm
Timer	adjustable 2-30 sec
Laser pointer battery	2x 1,5 volt AA battery



**1**  
Cutting-crimp-connector

