



Schunk Ultrasonic Welding Systems MINIC-IV

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The MINIC-IV ultrasonic welding system is the economic production machine for wire harness manufacturing. Wires with a cross section size of up to 15 mm² can be welded with this unit.

The MINIC-IV was designed for welding wires with small cross sections, such as 0.13 mm² for example. Its special tooling system

guarantees optimal mechanical, electrical and visual splice properties in such applications.

The welding system, of course, comes equipped with our reliable Anti-Side-Splice-Kit. As an option, a cutting system can be added to the unit.

The control unit, a high-frequency generator and an industrial PC are mounted in a 19-inch control rack. The patented dynamic process control function permits the regulation of relevant process parameters within specified tolerance ranges. Thus, this feature guarantees not only a high degree of process reliability, but also a high quality standard for the weld connections.

Naturally, this ultrasonic welding system is also equipped with our proven SUTWIN visualization software. Through continual product enhancement, for instance in the area of process statistics, we have been able to increase the efficiency and user friendliness of this software.

❖ **Welding of wires with a cross section of 0.13 mm²**

❖ **Equipped with Anti-Side-Splice-Kit**

❖ **High-resolution digital height-measuring system**

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