

NEW

Control software Telso®Flex

More efficiency through visualization and high degree of connectivity

PLASTIC WELDING

METAL WELDING

CUTTING

CLEANING

SCREENING



Bronschhofen (CH), October 2018

Practical control software for ultrasonic welding and cutting

Welding and cut&seal with ultrasonic has proven to be an economical and gentle process in many industries today, because either clean cuts or high-strength joints are produced with low thermal stress on the product and environment. The process is reliable and safe, as the ultrasonic process only depends on a few parameters that are set and monitored for the specific application. Telsonic offers the new Telso®Flex control software with a new 12" touch panel, which makes ultrasonic systems of the USP and TSP series fit for industry 4.0. For example, the panel's screen can be transmitted to a workstation outside production and can also be fully operated from there. The user sees the real-time data from production, can access welding results, save data on network drives or other storage media and load data records manually or automatically into production. Several welding systems can also access the same data sets. Integrated support options also offer a high degree of certainty when fast help is needed.

Easily adjust parameters and set up peripherals

The entire process cycle is monitored by the control software and the status is displayed graphically. With just a few clicks, welding parameters can be adjusted, multi-stage welding modes defined or peripherals set up, i.e. anvil, film transport, noise protection, workpiece recognition, -clamping and -stop, etc.. Various counters for quantity, stack or batch size ensure the correct production quantity. The user and rights management can be adapted to individual requirements; different authorization levels can be created, e.g. for operation, setup or maintenance. The modular structure of the software also covers the user's desire for individualisation and ensures sustainability for plastic welding, cut & seal and metal welding applications.