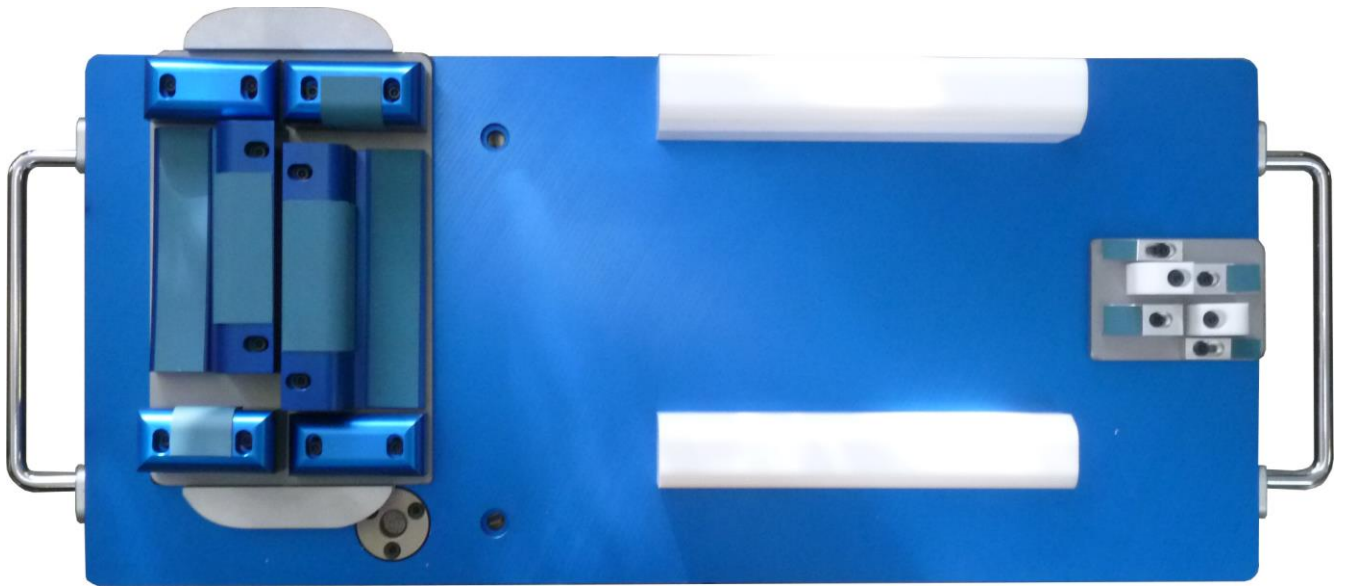


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# RECEPTION TOOLS FOR ULTRASONIC WELDING

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Different examples of reception tools

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Reception tools are needed for a safe fixing of the ultrasonic welding pieces. They can either be simple one-piece counter bearings used as an anvil, or complex multifunctional devices with integrated quick-clamp systems, ejection aids, position detection, etc.

It is very important that the reception tool guarantees the safe halt of the piece to be fixed, and that it forms a sufficiently dimensioned counter bearing against the ultrasound.

A tool incorrectly built can cause problems difficult to detect. In case of defectively welded pieces it is usual to assume other causes, such as, a short welding duration, too weak a pressure or an insufficient amplitude of the used sonotrodes.

It is always very sensible to test if, for example, the welding piece has been properly constructed, or to measure if, the ultrasound arrives at the reception tool. And for that reason do we offer the ultrasound-measuring-head USM 3, an easy and cost-effective device.



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