

## Application example Electricity meter with inspection window

PLASTIC WELDING	METAL WELDING	CUTTING	CLEANING	SCREENING
	And Ciril WW the Score And Official And Offi	ask In inspection window is ity meter. The housing of indow is PMMA. The in the joining process. <b>olution</b> USP3000 20 kHz ultrase f 3000 N was used with pplication. The mountin evice. The joining seam ften the case for plastice	over is made from AE spection window mu onic system with max a TCS5 process contr g device also includes is implemented as an	3S and the inspection st not be marked by imum welding power roller for this welding s a parallelism setting energy director, as is
		<b>Configuration advantages</b> Even parts with a large surface area can be welded reliably with the USP3000 ultrasonic welding press. The energy director joining seam ensures a reliable weld connection. The parallelism setting device ensures optimal alignment between the sonotrode welding surface and the inspection window so that the transparency of the window is not impaired. The touch screen of the TCS5 controller with the intuitive graphical user interface makes it easy to programme the welding process.		

The application was produced on a USP3000 20 kHz welding system, MAG generator and TCS5 process controller with touch screen operation.

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