



## MS soniGEN

The most intelligent ultrasonic generators of all time

### Application

Machines and systems for the highest welding quality

### Benefits

- Dynamic reduction of attack times enables far shorter cycle times (in the Advanced and Premium versions)
- Reduced welding times increase productivity
- Compensation of temperature drifts in the resonance frequency enables a very constant sealing process (in the Advanced and Premium versions)
- Energy welding (in the Advanced and Premium versions) and time welding are possible
- Maximum repeatability
- Comprehensive documentation of the welding process
- Simple operation via touchscreen (in the Premium version)
- Parameterizable external ultrasonic stop (in the Advanced and Premium versions)
- Adaptable interface module e.g. Profibus, Profinet, Decivnet, Ethernet IP (in the Advanced and Premium versions)



**Now new in the Economy, Advanced and Premium versions – select the optimum generator for your applications during welding, sealing, cutting, slitting or punching!**

### Function description

Three models, one objective: The optimum ultrasonic generator that is tailored perfectly to your individual requirements. Whether Economy, Advanced or Premium – with MS SoniGEN everything from welding applications to high-speed applications becomes more efficient. Maximum repeatability and comprehensive documentation of the sealing process also ensure secure and reliable results.

# MS soniGEN

## Technical data:

	ECONOMY			ADVANCED			PREMIUM			
Precision class	For optimum economy and mass production			For faster and perfect-fit packaging processes			For demanding applications in high-speed packaging			
Frequency	35 kHz		30 kHz	20 kHz	35 kHz		30 kHz	20 kHz		
Welding power	500 W	800 W / 1,000 W	1,500 W	3,000 W	1,000 W	2,000 W	4,000 W	1,000 W	2,000 W	4,000 W
Dimensions	3 HE x 10 TE x 340	3 HE x 21 TE x 370	6 HE x 21 TE x 370		3 HE x 21 TE x 370	6 HE x 21 TE x 370		3 HE x 21 TE x 370	6 HE x 21 TE x 370	
Attack time	ca. 80 ms			from 10-80 ms			from 10-80 ms			
Variable interface module	-			✓			✓			
Standard interface	24 V level / Profibus	24 V level		24 V level			24 V level			
Time welding	✓	✓		✓			✓			
External US stop	-	-		✓			✓			
Energy welding	-	-		✓			✓			
Continuous sound capacity	✓	✓		✓			✓			
Amplitude adjustment	Front / Profibus	Front / 24 V interface		Front / 24 V interface / field bus			Touchscreen display / 24 V interface / field bus			
Power display	-	LED-bar		LED-bar			Touchscreen display			
Protocol storage (past welds)	2,000	-		2,000			2,000			
Touchscreen terminal	-			-			✓			

