

SONIC DIGITAL MULTI PURPOSE ULC))

Ultrasonic generators

MULTI PURPOSE



SONIC DIGITAL MULTI PURPOSE ULC generators

combine innovative technology with compact design and simple operation for ultrasonic systems requiring up to 400 watts.

- Constant frequency, amplitude and time
- Power output continuously adjustable between 50% and 100%
- Interface for monitoring and controlling process-relevant functions
- Switched mode power supply
- High efficiency at low heat build-up rates
- Maximum operational safety
- Standard frequencies: 20, 25, 30, 35, 36 and 40 kHz, additional frequencies on request
- Optimised welding software

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Applications

Tasks relating to ultrasonic connecting, separating and screening technology and special applications requiring an output of up to 400 watts can be ideally executed with SONIC DIGITAL MULTI PURPOSE ULC generators. The compact and robust stand-alone devices set new standards due to a variety of available standard frequencies, innovative technology and groundbreaking features.

With the Basic version the power unit and the control panel can be installed in separate locations, allowing the generator to be installed in the most suitable place, where it is operated ergonomically from the workplace. In the Premium version, ULC generators are supplied with an encoder, an LED output and status display as well as an LCD multifunction display with detailed text display, which allow easy and safe operation. The service unit with multifunction display, which is an optional extra for the Basic version, can be used to control the generator.

Operational safety

SONIC DIGITAL MULTI PURPOSE generators are equipped with various innovative protective functions for the highest operational safety. This includes an intelligent cooling system as well as protection against short-circuiting, no-load operation and overloading.

New software for ultrasonic welding!

SONIC DIGITAL MULTI PURPOSE generators are now equipped with pioneering new software. Alongside the various welding modes (Weld by Remote, Weld by Time, Weld by Energy, Weld by Peak Power and Weld by Pulse), they offer the "Trigger", "Holding" and "Afterburst" functions.

Modes and functions that are not needed can be deactivated to prevent a mode or function being selected by mistake. The advantage: when making preselections for an application, incorrect welding procedures can be prevented before they happen. Deactivated modes and functions can be reactivated at any time if they are needed for a new application.

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Basic

20 kHz	Article	Type
	404 421 00	ULC 200 MP 20
	404 421 09	ULC 400 MP 20

Premium

20 kHz	Article	Type
	404 423 00	ULC 200 MP 20
	404 423 08	ULC 400 MP 20

Basic

30 kHz	Article	Type
	404 421 03	ULC 200 MP 30
	404 421 11	ULC 400 MP 30

Premium

30 kHz	Article	Type
	404 423 02	ULC 200 MP 30
	404 423 10	ULC 400 MP 30

Basic

35 kHz	Article	Type
	404 421 05	ULC 200 MP 35
	404 421 13	ULC 400 MP 35

Premium

35 kHz	Article	Type
	404 423 04	ULC 200 MP 35
	404 423 12	ULC 400 MP 35

Basic

40 kHz	Article	Type
	404 421 07	ULC 200 MP 40
	404 421 15	ULC 400 MP 40

Premium

40 kHz	Article	Type
	404 423 06	ULC 200 MP 40
	404 423 14	ULC 400 MP 40

Dimensions (W×H×D):
250×75×180 mm

Weight: 2,8 kg

Mains connection: 230V-50/60Hz single-phase
All devices with a 15-pole D-SUB remote control interface socket.

Option: Service unit on request.