

Boa Ultrasonic Generator



Boa Generator 35kHz

Technical Data

Input Voltage	190-265VAC, 1 Phase, 50-60Hz
Size	H250 x W130 x L415 mm
Weight	6 kg
Color	RAL3020
Display	2 x 16 Characters with backlight
LED Bar	10 LED with Peak Memory for Output power
Keyboard	5 Keys plus on/off
Microcontroller	16 bit / 20MHz
AD / DA Converter	10 / 12 bit
Frequency Range	34700 – 35150 Hz
Power Measuring	Real time
Auto Tuning	Real time
Nominal Output Power	600/ 900w
Maximum Output Power	10% above nominal power
Internal Amplitude	60 – 100% at 5% steps
External Amplitude	Setting over four digital Input

Operating Mode	Time mode, US-Stop mode
Time Mode	0.005 – 9.999s
US-Stop Mode	Integrated
Trigger Mode	Timer Trigger: 0.000-9.999s
Integrated Power Supply	Integrated 24V DC / 500 mA overload protected
Inputs	Opto coupler 20 - 28 V DC / max. 7 mA
Outputs	Opto coupler 22 - 26 V DC / 250 mA short circuit protected
Emergency Stop	Message in Display
Error Message	Display / Hardware Output (Option buzzer)
Buzzer	Confirmation Of Keyboard & Error Message
Connectors	All Standard D-sub
Main Power Switch	On the back panel
Language	E,D,SP,F,I,P,S,DK,N,SF;NL,CZ,PL,RO,SLO,H,TR
Temperature	-5°C ~ 45°C / Stock -20°C ~ 60°C
Design & Production	Switzerland