



Boa 20 / 35 kHz

Consulting

Know how

Quality

Service

SWISS-SONIC
Ultraschalltechnik
Jürg Bernet
Seemoosholzstr. 14
CH-9320 Arbon
T +41 71 680 08 05
F +41 71 680 08 06
info@swiss-sonic.ch
www.swiss-sonic.ch



Ultrasonic Generator Type Boa

35 kHz Ultrasonic generator for standard-special machines and hand units. For welding of thermoplastic material and for cutting of fabrics and non wovens.

Most modern microprocessor controlled ultrasonic technology. Easy to operate and high production quality are guarantors for stability and reproducible process quality.

Technical Datas

Inline voltage :	190 – 265 V AC
Display :	LCD display 2 x 16 character with back light
Language :	DE / GB / IT / ES / SE / FI / S / F / P / NL
Keyboard :	Foil with 5 keys for menu selection
Power measuring :	Real time with CPU
Frequency range :	20 kHz = 19700 – 20155 Hz 35 kHz = 34700 – 35150 Hz
Auto tuning :	Real time
Nom. output power :	20 kHz = 1000 and 1500 Watt 35 kHz = 600 and 900 Watt
Amplitude :	50 – 100 % in 5% steps, constant amplitude, automatically controlled
Time Mode :	0,005 – 9,999 sec.
US-Stop Mode :	included
Trigger :	Time trigger 0 – 9,999 sec.
Inputs :	Opto couplers 20 – 28 V DC / max. 7 mA
Outputs :	Opto couplers 22 – 26 V DC / max. 250 mA
RF connection :	Lemo plug
Power supply :	24VDC / 0.5A integrated short-circuit proof
Emergency stop :	Message in display
Error messages :	Message in display and output signal
Interface for PLC :	SUB-D plug 25-pin.
Temperature :	-5°C ~ 45°C
Size :	Height 130 mm / width 250 mm / Length 415 mm
Weight :	6 – 8 kg
Color :	RAL 3020 red