

Ultrasonic Generator VV 20 – 35 kHz

20 kHz and 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 DATA

Inline voltage : 190 – 265 V AC

Display : LCD display 2 x 16 characters with backlight

Languages : DE / GB / IT / ES / SE / FI

Keyboard : foil with 20 keys

Power measuring : real time with CPU

Frequency range :

20 kHz = 19700 – 20150 Hz

35 kHz = 34700 – 35150 Hz

Auto tuning : real time

Nom. Output power :

20 kHz = 1000 / 1500 / 2000 / 3000 Watt

35 kHz = 600 / 900 Watt

Amplitude intern : 60 – 100% in 5% steps, constant amplitude, automatically controlled

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Time mode : 0,005 – 9,999 sec.

Energy mode : 0 – 99999,99 Ws

US-stop mode : included

Output power mode : 0 – 100%

Trigger : Time trigger 0 – 9,999 sec.

Differential time trigger

Controller for welding press : integrated microprocessor controller

Inputs : opto couplers 20 – 28 V DC / max. 7 mA

Outputs : opto couplers 22 – 26 V DC / max. 250 mA

Output power : integrated 24 V DC / 500 mA protected against short circuits

Emergency stop : message in display

Error messages : message in display and output signal

Interface for PLC : integrated with SUB-D 15-pin plug

Temperature : - 5°C till 45 °C

Size : height 275 mm / width 125 mm / length 415 mm

Weight : +- 12 kg depending on output power

Colour : RAL 3020 red