

Ultrasonic Generator VP 20-35 kHz

20 kHz and 35 kHz ultrasonic generator module, especially made for special machinery and automated production lines. For welding of thermoplastic material and for cutting of fabrics and non wovens.

With interface for master controller (PLC ...). Made to install it into controller cabinet. 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

Messages : all messages are shown in the display of the master controller of the automated line.

Power measuring : real time with analogue multiplier

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 : 40 – 100% step less, constant amplitude, automatically controlled

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 pressure trigger

Inputs : opto couplers 20 – 28 V DC

Outputs : opto couplers 22 – 26 V DC

Interface for PLC : RS-232

Temperature : - 5°C à 45 °C

Size : height 145 mm / width 216 mm / length 390 mm

Weight : +- 4,5 kg depending on output power

Colour : aluminium