

Ultrasonic-generatormodul „soniKKs digital K3DR – W/M“

Digital modular US-generator for US- plastic / metal welding and special applications

DIN-RAIL mounting – Stand alone generator with integrated cooling-fans

optional remote access via the web

- Compact, robust, cost efficient
- Highest efficiency and safety
- Intelligent cooling system, integrated fans
- Switch mode power supply
- Frequency-range: 20KHz up to 100 KHz.
- Aluminum housing completely closed with integrated cooling fans

Highest reliability, flexibility and compactness make the „soniKKs digital K3DR-W/M“ Ultrasonic-generators unbeatable for applications like welding, cutting, sieving, punching and a lot of other special applications in a power range up to 2000 watts.

Optional upgrades available



Features

Temperatur – controlled fans inside of the module
Status – LED's for e.g. sonic,error,mode,overtemp.

REAR CONNECTORS:

Linesocket, Phönix
Interface-socket, M 12 x 8 Industrie standard
RF-socket, BNC high voltage
RS 232 –socket as an option, M 8x4 Industrie standard

electronic protection measures

- overload
- no load
- short circuit
- overtemperature

Digital frequency generation and regulation

CE compliant without additional housing !

Continuously adjustable amplitude 50% - 100%
either with -

- ext. LCD display panel
- WEB- Server
- RS 232 Interface
- analog voltage

Options - Upgrades

Userport* Socket on the frontpanel for the connection of:

- external Front-panel with LCD – Grafic - Display
- external Webserver with included webbrower firmware, bootloader für firmware-update

RS232 Full featured seriell interface for PLC or PC control and setup



Techn. data:	soniKKs digital K3DR – W/M	
frequencys	20KHz - 100KHz	
line	210 - 250VAC (L, N, PE) , 50Hz - 60Hz	
current	depending on type – max. 12 A	
active power	max 2000W	
actual power	max. 2800 VA	
weight – dim.	weight	dimensions (w x h x d)
	approx. 3.5 kg	175 (14TE) x 71 (4HE) x 362
Operating temp. Range	min. -10°C bis max. +40°C no condensation	
certifications	IP 20, IEC 60 529, EN 60 525	