

# Ultrasonic-generator „soniKKs digital K1 – W“

## Digital Ultrasonic - generator for US- welding and special applications

Especially for the low power range up to 400 watts.

### optional remote access via the web

- Small, robust, cost efficient
- Highest efficiency and safety
- Intelligent cooling system
- Switch mode power supply
- Frequency-range: 20Khz up to 100 Khz.

Highest reliability, flexibility and also a small size make the „soniKKs digital K1-W“ Ultrasonic-generator unbeatable for applications like welding, cutting, sieving, punching and a lot of other special applications in a power range up to 400 watts.

Optional upgrades available



### Features

Temperatur – controlled fan

Aluminum housing, CE- compliant

Status – LED`s for e.g. sonic,error,mode,overtemp.

Interface on the rear for control and monitoring

rugged industrial sockets :

- Line 230 V – 50/60 Hz
- RF - socket [HV- BNC]
- Interface – socket [M12x8]
- optional RS232- Interface socket

electronic protection measures

- overload
- no load
- short circuit
- overtemperature

Digital frequency generation and regulation

Continuously adjustable amplitude 50% - 100%  
either with -

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

### Options - Upgrades

Userport\* Socket on the frontpanel for the connection of:

- external LCD – Grafic - Display
- external Webserver with included webbrowser firmware, bootloader für firmware-update

LCD – grafic display

- Digital frequency readout
- Digital power readout
- Timer – Energy – control – configuration and setup

RS232

Full featured seriell interface for PLC or PC control and setup

WEB- Server\*

Optional Webserver with included webbrowser firmware, bootloader for firmware update

\*options cannot come together

### Techn. data:

#### soniKKs digital K1 - W

frequencys	20KHz - 100KHz	
line	210 - 250VAC (L, N, PE) , 50Hz - 60Hz	
current	depending on type - up to 2,8A	
active power	max 400W	
actual power	max. 650 VA	
weight – dim.	weight	dimensions (w x h x d)
	approx. 2 kg	260 x 85 x 200
Operating temp. Range	min. -10°C bis max. +40°C	
certifications	IP 20, IEC 60 529, EN 60 525	