

# Ultrasonic cleaning tanks soniKs "Truesonic® Industrial"

**soniKs Truesonic® Industrial cleaning tanks**  
especially developed for rough industrial purposes  
external generator and tank-control unit



## Properties:

<b>Cleaning tank:</b>	stainless steel 1.4462 – 2mm
<b>Housing:</b>	stainless steel 1.4301 - 2mm
<b>Heater:</b>	Digital temperature control 20 - 80° C Protected against dry running
<b>Timer:</b>	digitally adjustable 1 – 99 min
<b>Frequencies:</b>	25, 40, 80 and 120 Khz Multifrequency: 40,80,120Khz

## Tank dimensions:

Volume	US- Power	Heater- power	Outside Dimensions mm	Tank Dimensions mm
40 l	400 W	2KW	500 x 550 x500	400 x 300 x 300
100 l	1000 W	3.80 KW	600 x 400 x 450	600 x 400 x 450
200 l	2000 W	6.4 KW	1050 x 700 x 750	850 x 500 x 500

Customized versions on request

# Ultrasonic cleaning tanks soniKks "Truesonic® Industrial"

## Construction:

The tanks and housings are made completely of stainless steel and are distinguished to a rough construction, very high reliability and long life cycle.

A very good sound – and heat isolation reduces the amount of needed energy and protects against sound-emission.

The bottom of the tank is slightly inclined to the outlet, so the tank can be completely exhausted.

Adjustable stands ensure an exactly horizontal direction.

## Operating safety:

All settings - and controls are located in the external generator and tank control-unit.

The operator can switch on ultrasound and heater directly on the cleaning tank. All other settings are done on the external Ultrasonic generator and tankcontrol unit.

No sensitive electronics is located inside the cleaning tank.

## Generator and tank control-unit:

The generator and tank control-unit is connected with rough industrial and removable cables to the cleaning tank. No fixed cables on the cleaning tank. All plugs and sockets are IP65 protected.

The generator and tank control-unit can be placed about more than 10 m away from the cleaning tank on a safe place.

The generator and tank control-unit is available as a stand alone unit (K1-CT and K5-CT) also as a unit what can be placed in cabinet (K3-CT) with detachable control panel.

The generator and tank control-unit has 3 interfaces:

- Standard interface for PLC control
- Ethernet interface for embedded solutions (option)
- RS 232 Interface

Also the unit has a **real time clock** making the unit fully programmable.

Example: preheating the tank to a certain temperature

Ultrasonic generators with all the features of the soniKks Truesonic® series

## Generator and Tank-control units:

### "K1.1 CT" Generator and Tank control unit



### "K3-CT" Din-rail mounting version of the generator and tank control-unit



### "K5-CT" Generator and Tank control unit

