

# UC10

## Description

The basis of UC is ultrasonic convertor, which is attached to the bottom of cleaning tank. Ultrasonic convertor is a source of mechanical and acoustic energy that is transferred to the bottom of the cleaning liquid and it makes an ultrasonic field. As a result of changing acoustic pressure and underpressure in liquid occurs so called cavitation and consequently the bond between dirt and cleaned object's surface is disrupted. Because cavitation occurs in the entire volume of liquid, intensive cleaning is realized also, with other method of cleaning poorly accessible places, in corners, hollows, etc.

**Flammable cleaning liquid can not be use in cleaners UC10.**



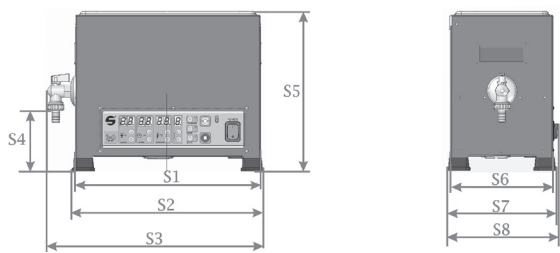
Generally production cleaners with capacity 9 - 48 liters with welded tank

Type	Capacity [l]	Generator power [W]	Heating power [W]
UC10D09W	9	250	750
UC10D13W	13	300	750
UC10D17W	17	350	1500
UC10D20W	20	400	1500
UC10D27W	27	500	1500
UC10D48W	48	600	1500



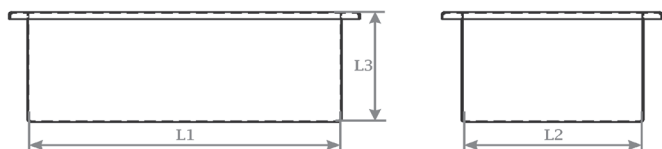
Parameter	digital controlled UC10D	analog controlled UC10A
Supply voltage / frequency	230V ±10% / 50-60 Hz	
Maximum US power	see the table	
Ultrasound frequency	listed on the label (standard 40 kHz)	
IP code	IP 23	
Temperature work range	+5°C to +40°C	
Timer (adjustable)	30 sec to 99 min	30 sec to 30 min
US power regulation	50% to 99%	no
Funkcion DEGAS *	yes	no
Heating of cleaning liquid	yes	no
Max. adjustable temperature of liquid	70 °C	no
Equipments are manufactured in compliance with norms	STN EN 61010-1: 2004 STN EN 61000-6-3: 2007 STN EN 61000-6-2: 2006	

\* DEGAS function helps in removal gases from cleaning liquids, because soluble gas minimize effect of cleaning in the liquid.



### Measurements

capacity [l]	S1	S2	S3	S4	S5	S6	S7	S8
9	336	350	395	min 110	345	277	289	294
13	365	378	423	min 110	395	335	348	353
17	365	378	423	min 110	395	335	348	353
20	540	553	598	min 110	395	335	348	353
27	540	553	598	min 110	395	335	348	353
48	540	553	598	min 110	560	335	348	353



### Welded tank

capacity [l]	L1	L2	L3
9	278	218	150
13	308	278	150
17	308	278	200
20	483	278	150
27	483	278	200
48	483	278	360

### Marking of US cleaners with digital controls

capacity in liters 48  
27

digital controlled D 13 W welded tank  
analog controlled A 09 C customs measurements

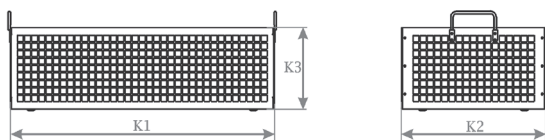
**UC 10 D 17 W / 040 T . 00**

type range 10

frequency in kHz 020 040 120

with heating T 04  
without heating 05

deviations from the standard 06



### Basket

capacity [l]	K1	K2	K3
9	235	180	100
13	265	225	100
17	265	225	130
20	435	235	100
27	435	235	130
48	435	235	290

### Marking of basket

**UB 09 / 10**

capacity in liters 13 11 12 13

deviations from the standard

### Manufacturer



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