

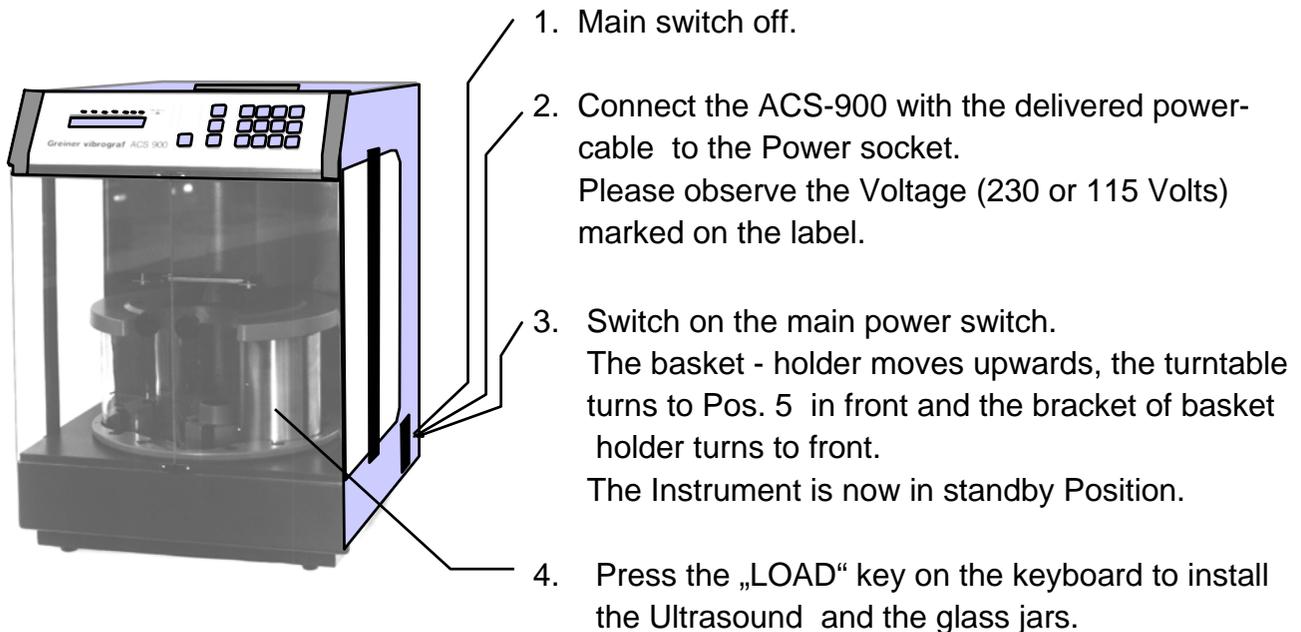
# User Manual ACS - 900



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Unpack the ACS-900 and install it on the working place.

Open the front doors and remove all packing material inside the instrument.



**Standby Position = Position 5 of turnable is in front. Bracket of basket holder is in frontl. A arrow in the display is moving from left to right. The machine is ready to start.**

### Caution :

Do not place anything on top to the instrument that can block the ventilation

The ventilator fan that evacuates the fumes during the cleaning process from the machine is located on the top. When process is finished, ventilator stops automatically after 5 min.

### Preparation of the baths

Pos. 1 = cleaning bath (with or without ultrasonic)

Pos. 2 = cleaning bath or 1st rinsing bath

Pos. 3 = rinsing bath

Pos. 4 = cleaning or lubrication bath

Pos. 5 = remains empty (drying position)

Take care not to exceed the maximum level of fluids indicated on the jar and ultrasonic. (Quantity 0,55 l).

1. Press LOAD



Display shows :  
Next or Pos. 1 - 5  
Basket holder moves upwards.

2. Press ENTER



Turntable turns to the Pos. 1  
If you operate 1,2,3,4 or 5 instead of ENTER  
the turntable turns directly to the  
corresponding position.

3. Put ultrasonic in Pos. 1

If ultrasonic is not requested you can install  
a cleaning jar instead.

4. Press ENTER



Turntable turns to the nex Position,  
Pos. 2

5. Put jar in Pos. 2

6. Continue as discribed in point 2  
till all the jars are installed

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7. Press EXIT



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ACS-900 change over to standby position.

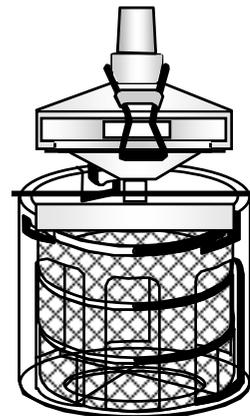
8. Load the baskets with the parts you  
want to clean, insert in lower  
basket-holder and close fixture.

--

9. The machine is ready for service.  
You can start a test.

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for example: Programm 7



10. Press



Display says,  
Which clean program?

11. Press



Display shows you datas in programm 7

12. Press



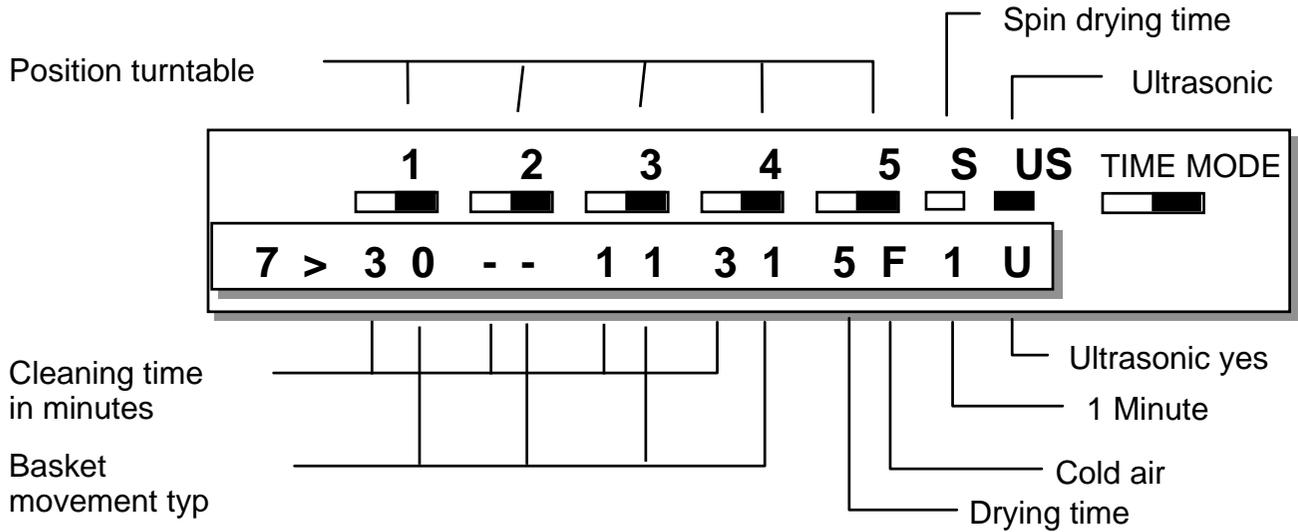
Cleaning program 7 is running.

Buttons **7** **8** **9**

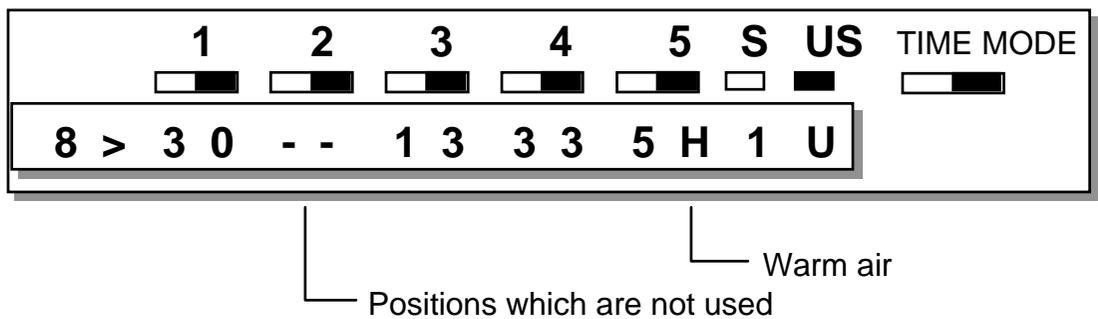
are fixed programs (factory set).  
They can not be changed.

Descriptions of the programs :

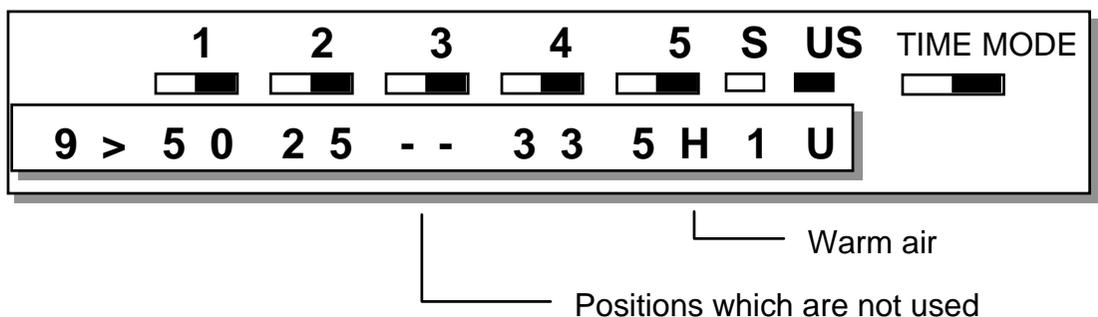
**Program 7**



**Program 8**

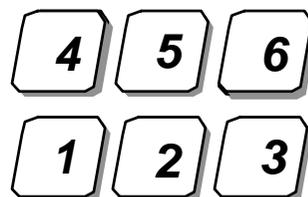


**Programm 9**



**Important:** Button 1-6 can be used for cleaning procedures.

Programming of ACS 900 is possible in standby status or during cleaning program.



## Explanation of the settings :

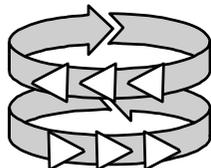
### Time



#### Time programming positions 1-5 ( 0 - 9 minutes )

- 0 = Position is inactiv
- 1 - 9 basket stays in the jar between 1-9 minutes

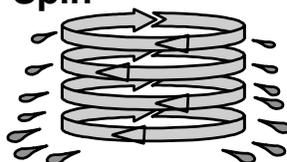
### Acc



#### Movement typ of the basket 0 - 5

- 0 = Basket turns slowly in one direction half of the time and in the reverse direction the other half of the selected time. No agitation
- 1 = movements are very slowly and stretched
- 2 = movements are slowly and less stretched.
- 3 = mean movements
- 4 = quick and short movement
- 5 = very quick and very short movement.

### Spin



#### Spin 1 - 5 minutes

Spinning is effected in the upper part of the jars.  
Selected time is between 1 – 5 minutes.  
The selected time is for all jars.

### Drying

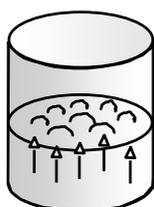


#### Drying (warm or cold)

- H = warm air      Switch on or off with button 1
- F = cold air

**Remark :** When jar (4) is selected, temperature of warm air is already in the right position when basket runs for drying

### US

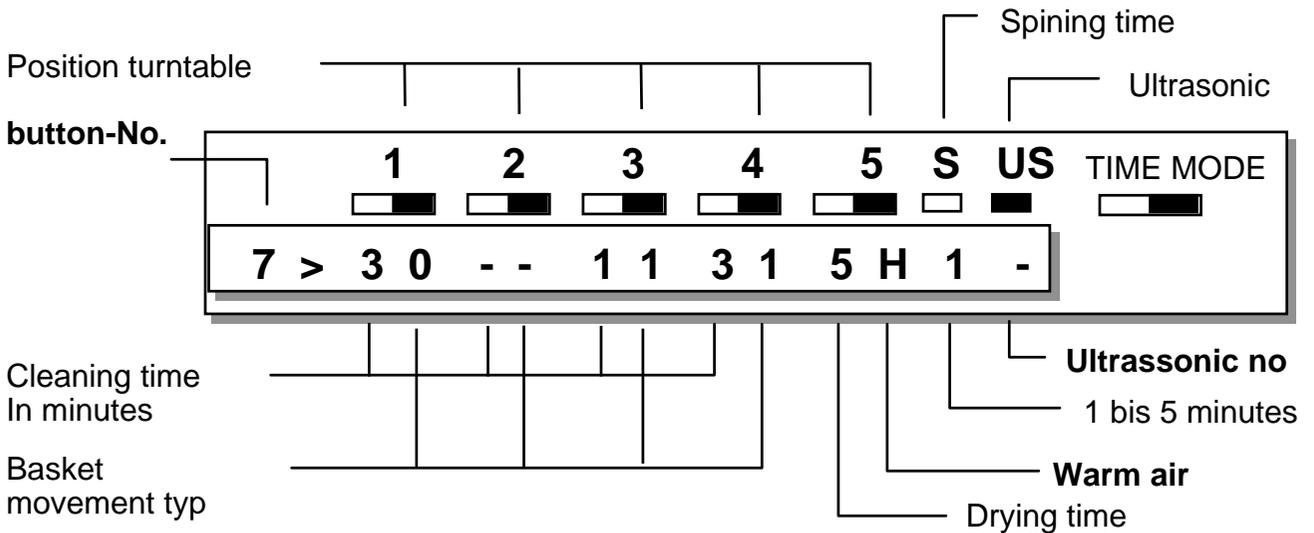
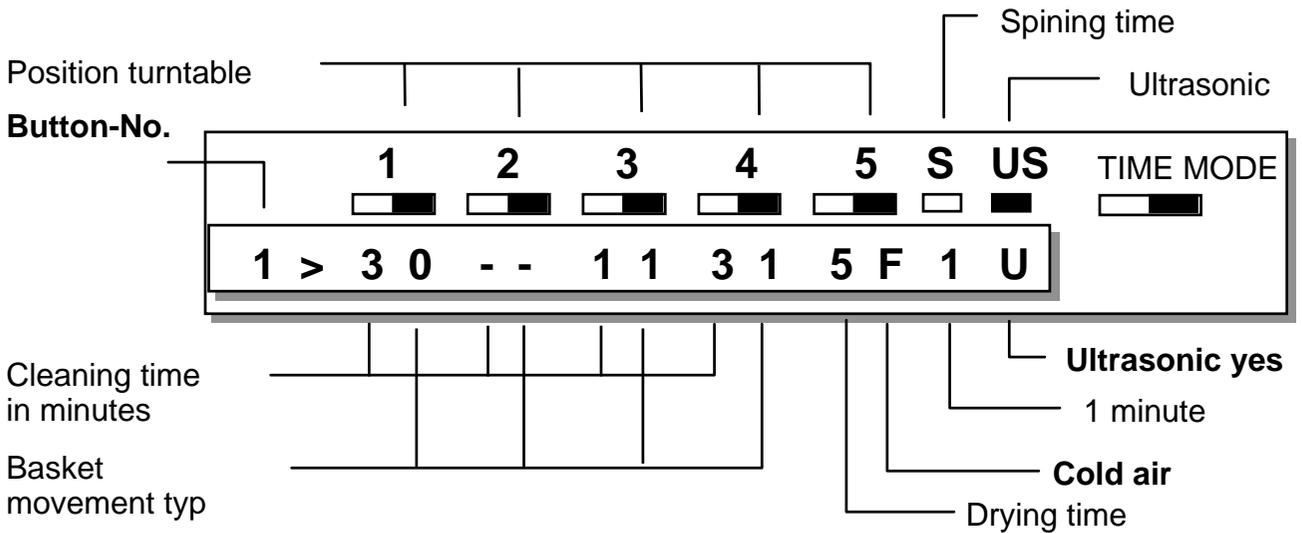


#### Ultrasound

Programming of ultrasound is effected with Pos. 1 of turntable. With Button 1 you can switch on or off. Movement status 0 is suggested during cleaning with ultrasonic.

When you press  key and 1 of the keys  — 

the programs which were entered are shown on the display as you can see in the following example:



Key application	display Indication	Remark
	Which clean Program ?	Which program ?
	1 > -- -- -- -- 1 -	
	Pos 1 > Time: # Acc: #	
 → 	Pos 1 > Time: 5 Acc: #	Time pos. 1
	Pos 1 > Time: 5 Acc: 0	Movement typ
	Pos 2 > Time: # Acc: #	
 → 	Pos 2 > Time: 4 Acc: #	Time pos. 2
	Pos 2 > Time: 4 Acc: 1	Movement typ
	Pos 3 > Time: # Acc: #	
 → 	Pos 3 > Time: 4 Acc: #	Time pos. 3
	Pos 3 > Time: 4 Acc: 2	Movement typ
	Pos 4 > Time: # Acc: #	
 → 	Pos 4 > Time: 6 Acc: #	Time pos. 4
	Pos 4 > Time: 6 Acc: 3	Movement typ
	Pos 5 > Time: 0	
	Pos 5 > Time: 9	Time pos. 5

See next page

Key application	display indication	Remark
	Fan : OFF 1. ON	By pressing button 1, fan for drying is activated or deactivated.
	Heat : OFF 1. ON	By pressing button 1, heat for drying is activated or deactivated.
	Spin btwn stations : #	Spining time 1 bis 5 minutes
	Spin btwn stations : 1	
	US : OFF 1. ON	By pressing button 1, ultrasonic is activated or desactivated.
	US : ON 1. OFF	
	>>>>>>>>>>>>>>>>>>	Arrow to the right
	Which clean Program ?	For controlling fixed programs.

1 > 5 0 4 1 4 2 6 3 9 H 1 U

Is cleaning program of button 1 correct ? If yes,

>>>>>>>>>>>>>>>>>>

Programming of button is installed and stored.

Programming of button + can be done in the same way. On page 5 you will find all the adjustments which are possible.

Key application	Display indication
Press button 	Which clean Program ?
Press button 	Indication of the dates from the selected program.
Press button 	Cleaning program is started and whole run time is Indicated.

**Interruption Cleaning program:**

You can interrupt cleaning at any time.

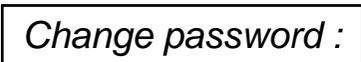
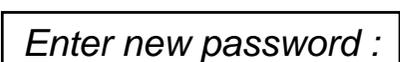
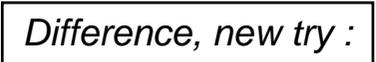


1. Press button BREAK

2. Press button EXIT

Only the person who knows the password is able to change the cleaning program.  
 Any password can be used.  
 Installation can be done during standby-modus or cleaning program.

**Enter a password for the first time:**

Key application	Display indication	Remark
		Which program ?
		
		Enter your personal password
 — 		Code, max. 8 digits
		Enter new pw again
 — 		In case of a mistake, enter right no.
		Now pw is installed and stored.

**Clear the password:**

Key application	Display indication	Remark
  		Welcome to the service program
 		The password is cleared

The ultrasonic does not work.

Please check if the ultrasonic is installed as follows:



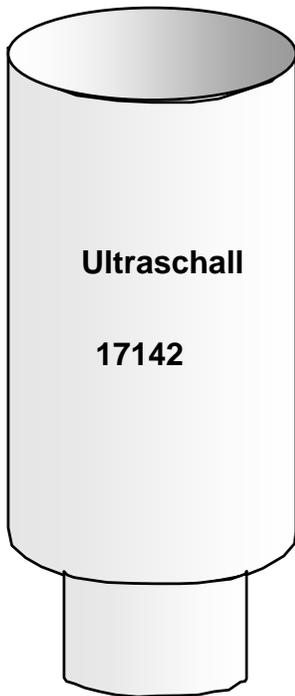
Key	Display indication	Remark
	<i>Service, WELCOME !!!</i>	Welcome to the service program
	<i>US uninst, 1, Toggle</i>	Ultrasonic is not installed
Or	<i>US inst, 1, Toggle</i>	Ultrasonic is installed
	<i>US inst, 1, Toggle</i>	Press button 1 Indication is changing between <b>US inst</b> and <b>US uninst</b>

Press button 1 till display indication shows you (US inst, 1, Toggle).

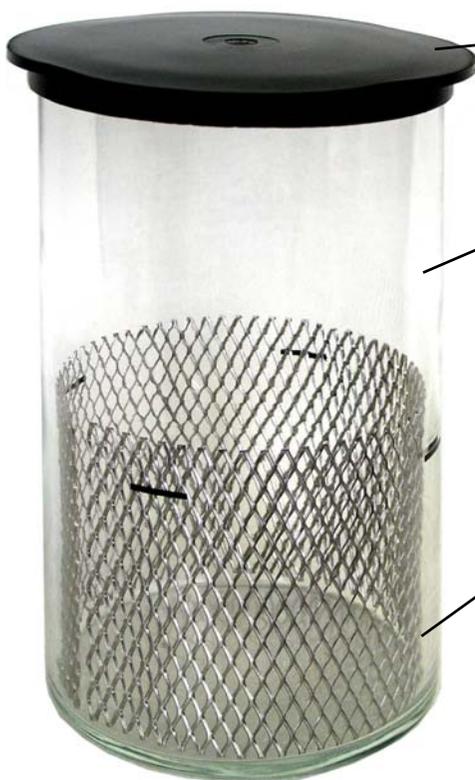
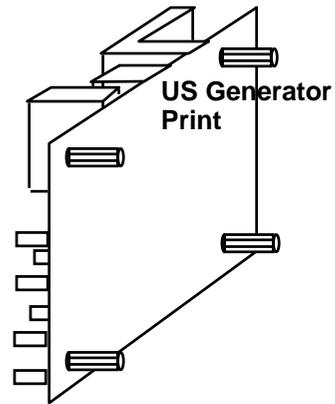
Press button



Check and reinstall programs 1 to 6 as required.



230 V = 17102  
110 V = 17101



**17136**  
cover  
couvercle  
**Deckel**

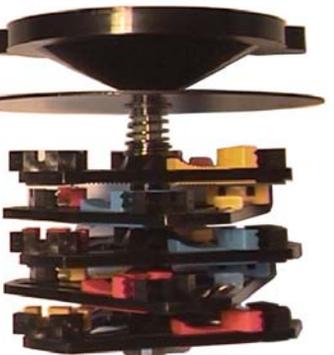
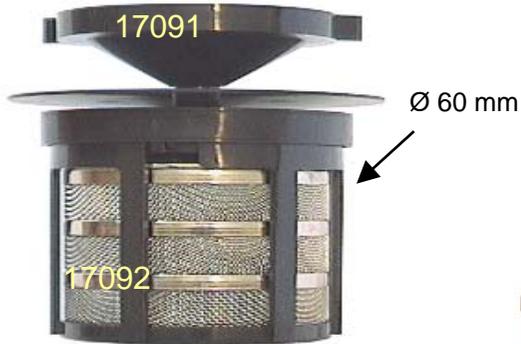
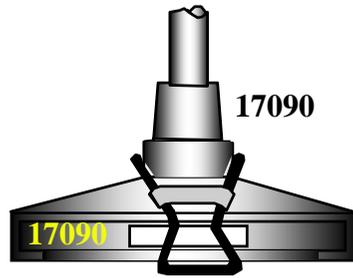
**17135**  
Glass jar  
bocal en verre  
**Glaswanne**

**17938**  
Wave - breaker  
Brise - remous  
**Wellenbrecher**  
for basket up to  $\varnothing$  80  
pour panier jusqu'à  $\varnothing$  80  
**für Korb bis  $\varnothing$  80**

Zubehör zu ACS900  
Accessoires ACS900  
Accessories ACS900



Art. Nr  
No.d'art.  
part No.



1 x 17122  
5 x 17123

