

CHECK CARD FUNCTIONS				
sapphire 65, sapphire 85, sapphire 70s, sapphire 85s	S/N	/	COD.	49704080
coral 65, coral 70s	S/N	/	COD.	49704080

START-UP SEQUENCE

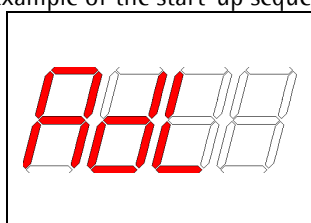
At power-on, the following information is given on the display:

- Model of the machine,
- Battery type,
- Software release,
- Battery level.

Each visualization is shown for 2 seconds; after this time the next information is given.

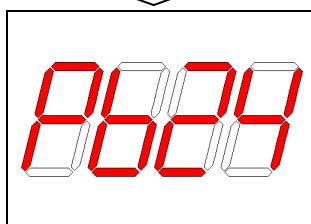
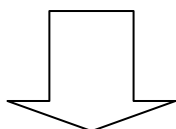
The last indication is the battery level and will remain always shown during the functioning of the machine (except when the hourmeter is used or when alarms are present).

Here below an example of the start-up sequence.



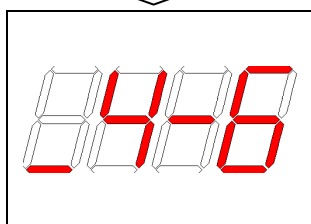
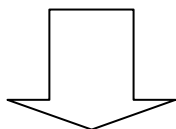
Model of the machine:

From AdL to AdS it indicates if the machine is with disc brushes or with cylindrical brushes.



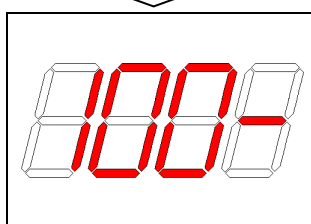
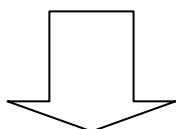
Battery type:

For coral Pb24 or Ge24. For sapphire Pb36 or Ge36.



Software release:

Actual software release upgraded on controller.



Battery level indicator:

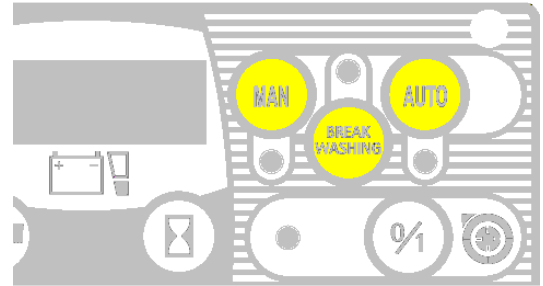
Indicates the charge level of the battery.

PROGRAMMING

Program keys:

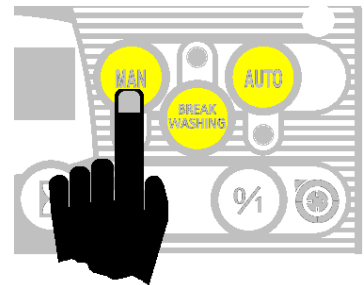
The keys used to access, scroll and modify the internal sets are keys "MAN", "AUTO" and "Break Washing" shown on the right.

As shown here below, the left one is for decreasing, the central one to confirm and the third one to increase the value.



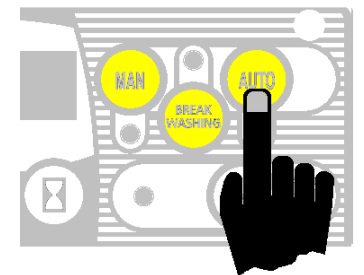
Decrease key:

Used to decrease machine's model, pointed parameter, value of pointed parameter.



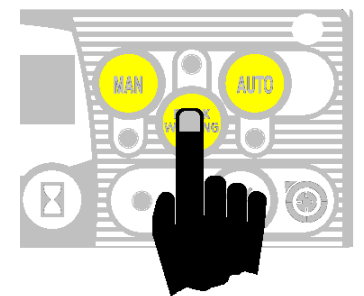
Increase key:

Used to increase machine's model, pointed parameter, value of pointed parameter.



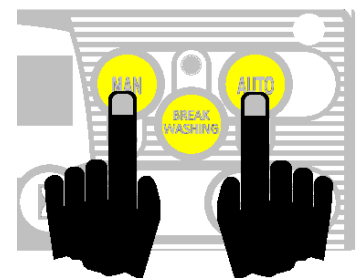
Enter key to confirm:

Used to confirm machine's model, the access to the pointed parameter, value of pointed parameter.



Access to the modifications:

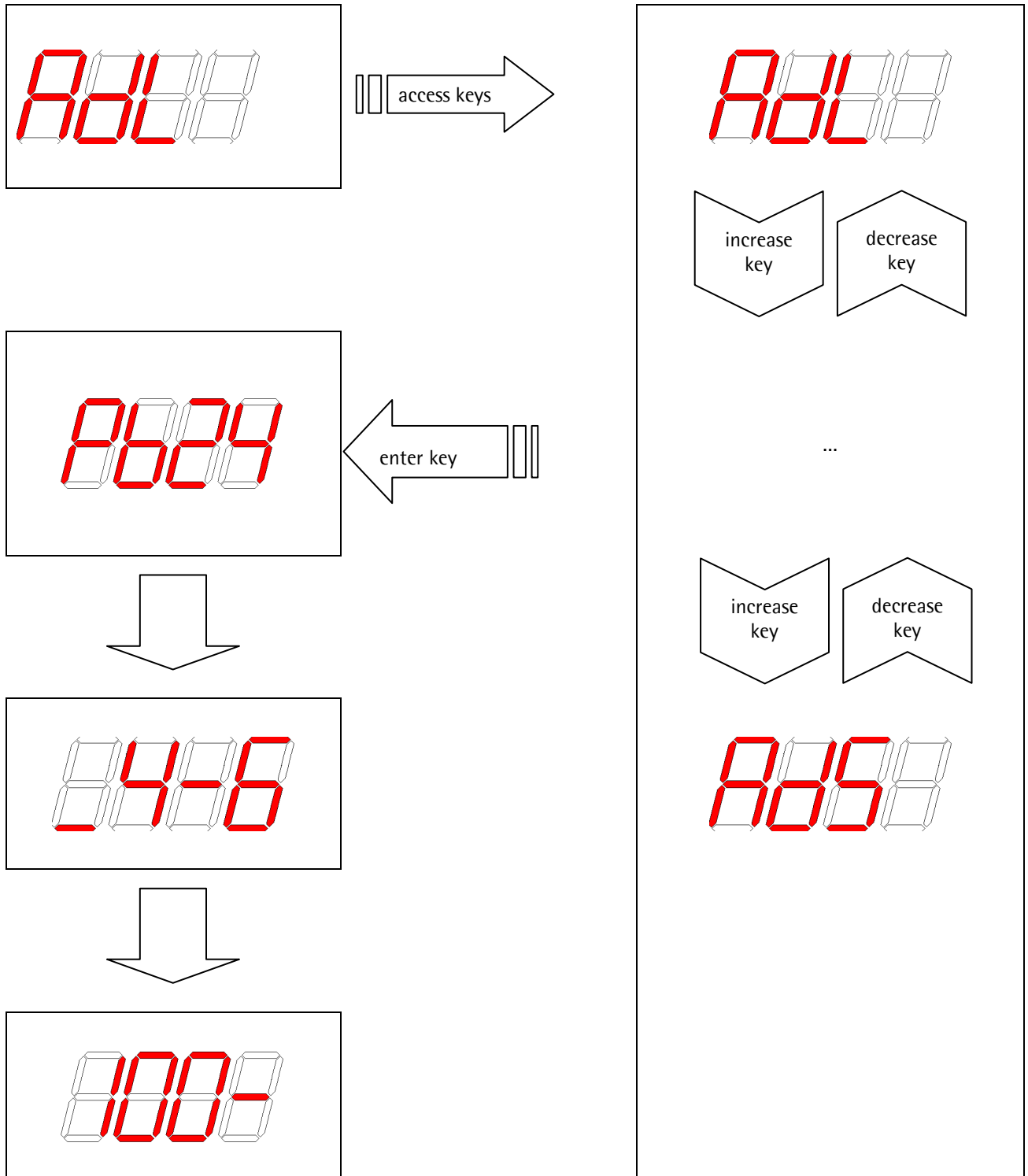
"MAN" and "AUTO" keys are used as "access keys": this combination will recall on next instructions. The simultaneous and longer pressing on these keys permits to access into internal menus.



Machine's model change:

To modify the model of machine in use, follow the next sequence:

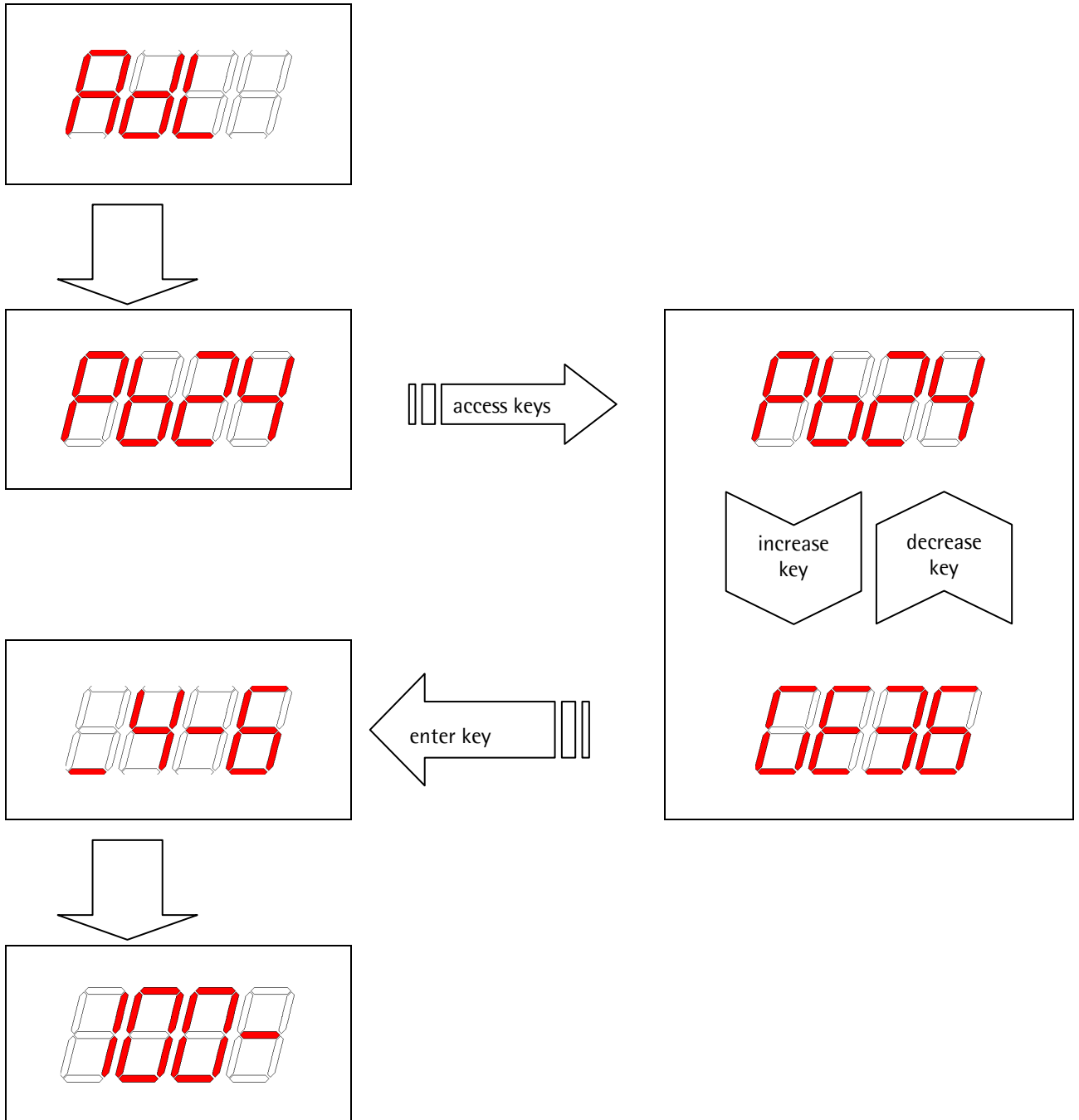
- 1) switch-on the machine,
- 2) when the actual machine set is shown, press and keep pressing the "access keys",
- 3) wait up to the blinking of the actual set (about 3 seconds),
- 4) release the "access keys",
- 5) press on "increase" or "decrease keys" to select the desired model/programme.
- 6) confirm the new setting by pressing the "enter key".



Battery type change:

To modify the battery type present on the machine (and therefore the discharging curve), follow the next sequence:

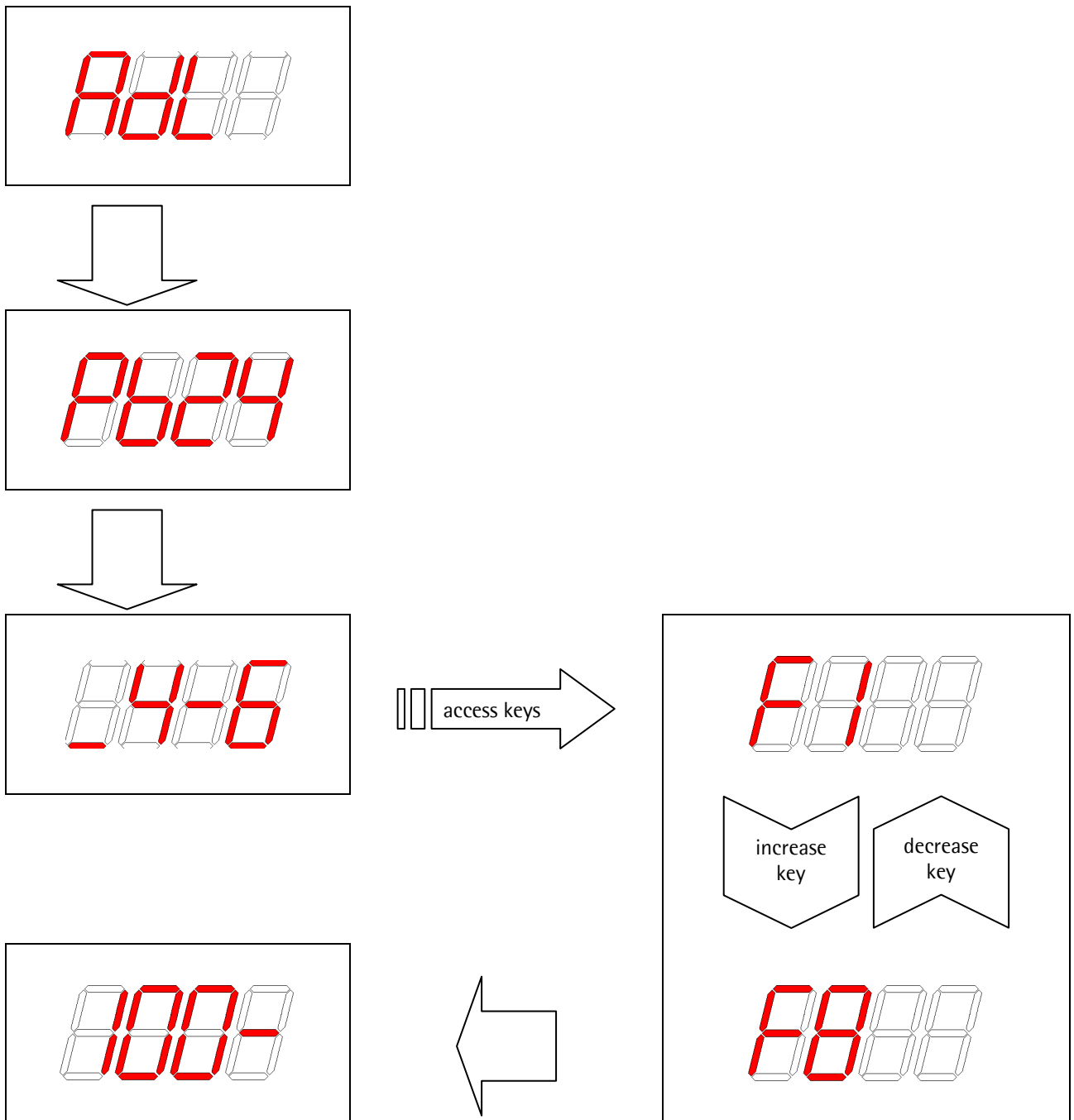
- 1) switch-on the machine,
- 2) when the actual battery setting is shown, press and keep pressing the "access keys",
- 3) wait up to the blinking of the actual set (about 3 seconds),
- 4) release the "access keys",
- 5) press on "increase" or "decrease keys" to select the desired battery type.
- 6) confirm the new setting by pressing the "enter key"



Internal parameter change:

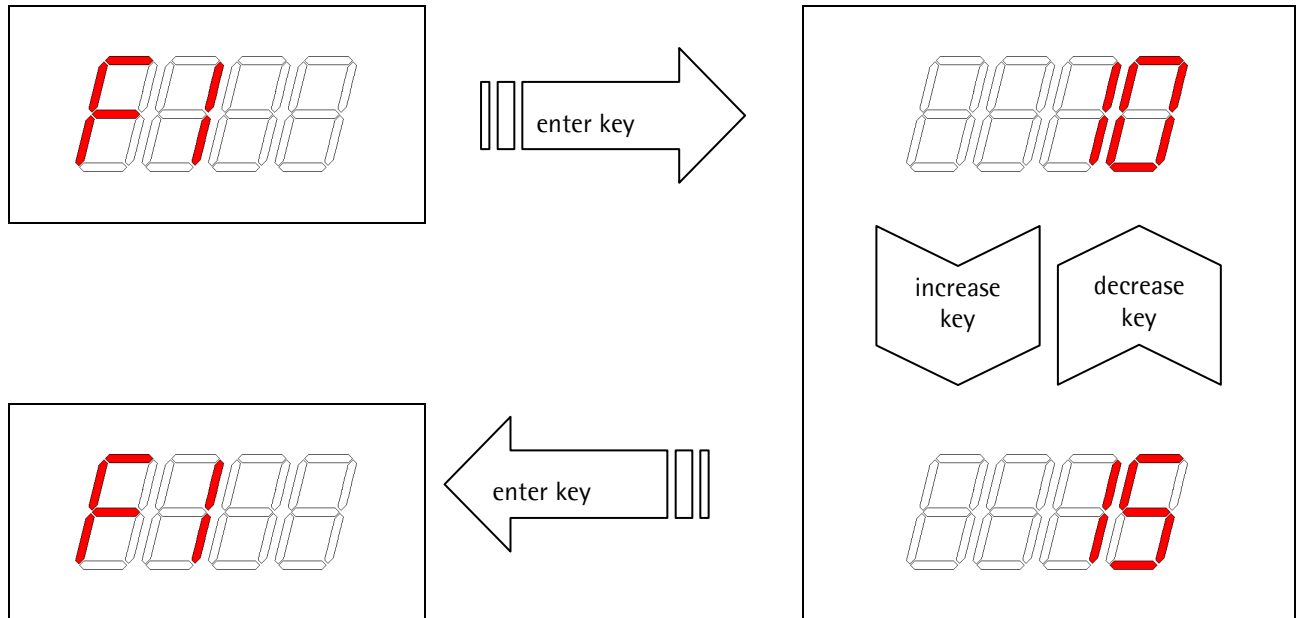
To modify the internal parameter sets, follow the next sequence:

- 1) switch-on the machine,
- 2) when the software release is shown, press and keep pressing the "access keys",
- 3) wait up to the blinking of the first parameter (about 3 seconds),
- 4) release the "access keys",
- 5) press "increase" or "decrease keys" to point the parameter to be changed.



Note: to exit from the parameters list, wait 3 seconds without pressing any key.

- 6) confirm the parameter by pressing the "enter key",
- 7) press onto the "increase" or "decrease keys" to change the value,
- 8) confirm the new value by pressing the "enter key",
- 9) scroll to another parameter or wait 3 seconds to exit from sequence.



List of inner parameters:

	coral 65 Ad.L 24V	coral 70s Ad.S 24V	sapphire 65 Ad.L 36V	sapphire 85 Ad.L 36V	sapphire 70s – 85s Ad.S 36V	.
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Level pressure P2



2,3	1,9	1,5	1,5	1,0	.
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Level pressure P3/P8



3,5	4,0	2,7	2,7	2,8	.
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Visualization pressure P1



35 Kg	----	50 Kg	55Kg	----	.
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Visualization pressure P2



45 Kg	----	65 Kg	70Kg	----	.
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Visualization pressure P3



60 Kg	----	80 Kg	85Kg	----	.
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Amperemetric threshold



123	142	123	142	142	.
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Amperemetric time



20s	20s	20s	20s	20s	.
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 Delay off brushes
(stop pos.)


2.0s	1.0s	3.0s	3.0s	1.0s	.
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Delay off suction motor

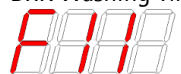


5s	5s	5s	5s	5s	.
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 Delay off suction motor
(stop pos.)


5.0s	5.0s	5.0s	5.0s	5.0s	.
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BRK Washing Time



15s	20s	15s	15s	20s	.
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Drying cylindrical brushes



0	10,0s	0	0	10,0s	.
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