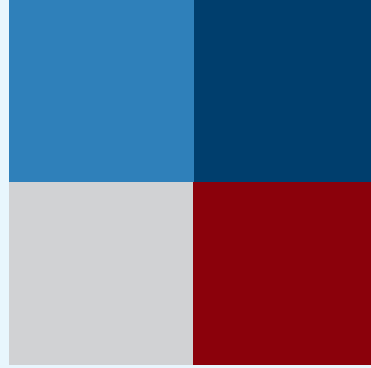


KaVo PRIMUS 1058 S/TM/C/G

Brief operating instructions.



KaVo. Dental Excellence.

KaVo Primus® 1058 S/TM/C/G.



These brief operating instructions cover only the essential control functions. They do not replace the standard operating instructions which form part of the delivery. It is essential to consult the standard operating instructions in order to avoid faults and damage.

Patient's chair

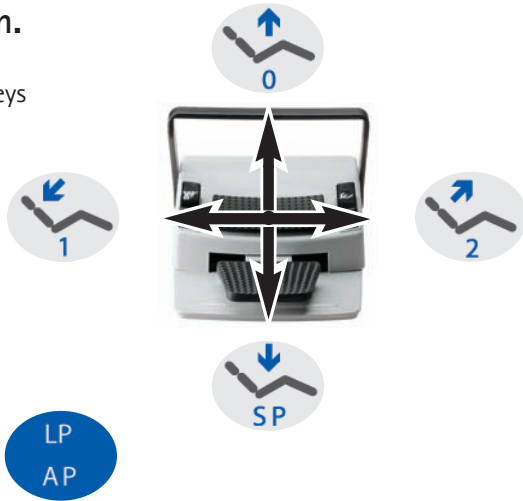
Control

Save automatic position.

Set desired chair position using keys

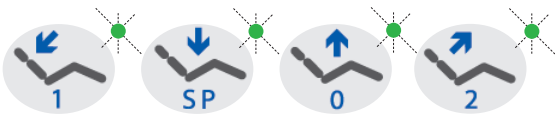
or

using multifunctional foot control when instruments are replaced in the holder.



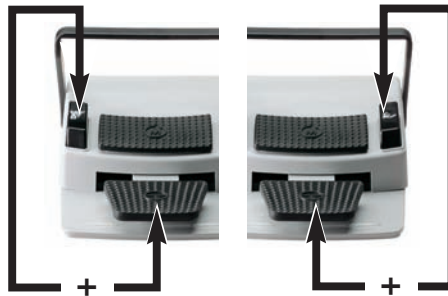
Press key LP/AP briefly.

LEDs flash for about 4 seconds. Press required key for about 4 seconds until a signal is heard.



Assignment of the AP keys on the multifunctional foot control.

Keep foot switch and AP key depressed and also press desired key on the dentist's or assistant's element until a signal is heard.



KaVo Primus® 1058 S/TM/C/G.

Dental chair

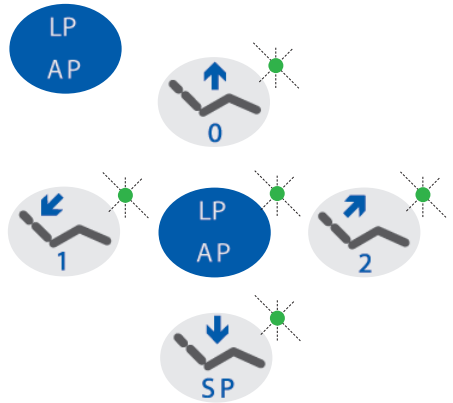
Control

Call up automatic position.

Assistant's element and
Comfort assistant's element:

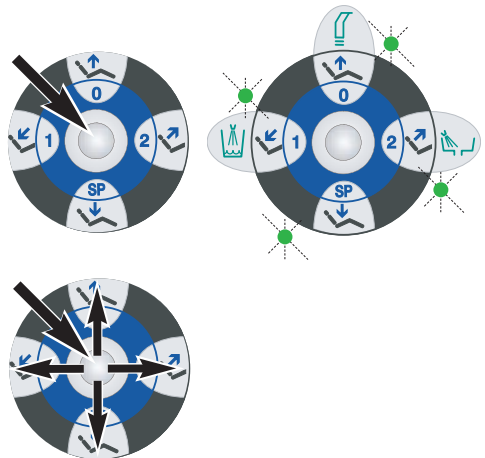
Press LP/AP key briefly.

LEDs flash for about four seconds.
During this time, press desired
key AP briefly.



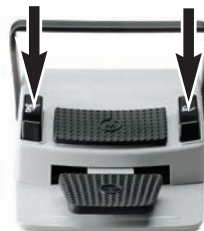
Standard assistant's element :

Press joystick briefly.
LEDs flash for about four seconds.
During this time, move joystick
in the appropriate direction.



or

with instrument removed,
call up automatic position.



For safety, when the spittoon is swivelled in, the chair movement is limited.

KaVo Primus[®] 1058 S/TM/C/G.

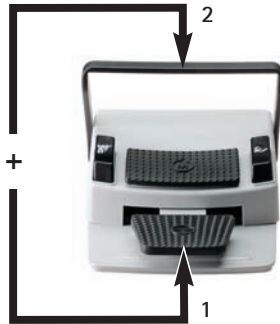
Choose dentist's level 1/2. Control/Display

When instruments are set down

Switching on the multifunction foot control:

Keep the foot switch depressed and additionally operate the stirrup switch.

or

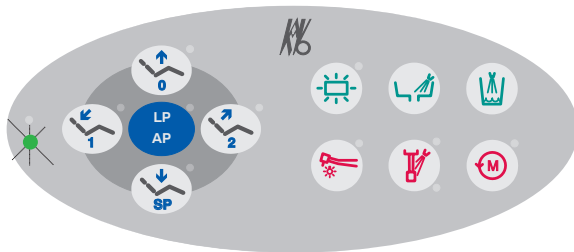


Switching on the Memospeed control:

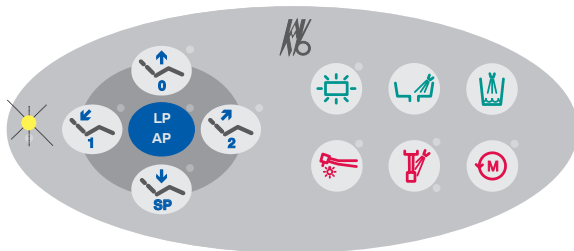
Keep level preselection key depressed until a signal is heard.



Dentist's level 1



Dentist's level 2



KaVo Primus® 1058 S/TM/C/G.

Instruments

Control/Display

Set cooling state.

Remove instrument.



or

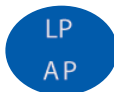


Cooling state: Spray



Storage (without installed Memospeed):

Press LP/AP key with instrument picked up until a signal is heard.



Storage (with installed Memospeed):

Press level preselection key with instrument picked up until a signal is heard.



KaVo Primus[®] 1058 S/TM/C/G.

Instruments

Control/Display

Set cold light on/off
and cold light intensity.

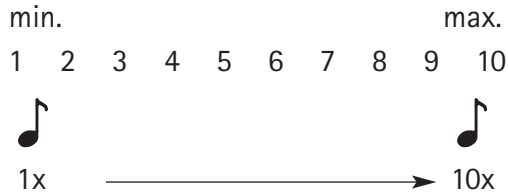
Remove instruments.
Press cold light preselection key briefly.



Cold light: On



Intensity:
(without installed Memospeed)



Keep cold light preselection key
depressed.

Storage:

Press LP/AP key with instrument
picked up until a signal is heard.



KaVo Primus® 1058 S/TM/C/G.

Setting the cold light intensity.

Control/Display

Level E, 1, 2, 3
(with installed Memospeed)

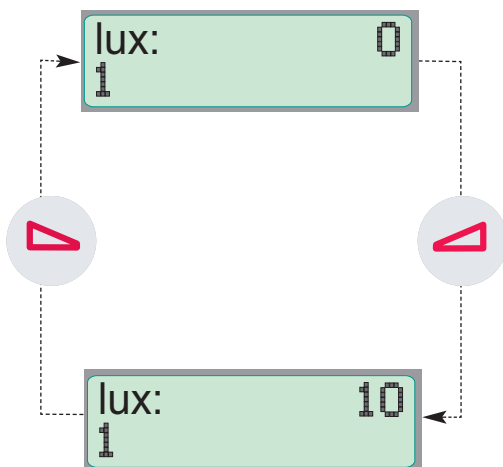
Remove instruments.
Press level preselection key
until a signal is heard.



Press level preselection key 2 x briefly.



The cold light intensity can be set
in 10 steps using the plus key or the
minus key.



Storage:

Press level preselection key
until a signal is heard.



KaVo Primus[®] 1058 S/TM/C/G.

Speed setting turbine.

(with installed Memospeed) Level 1, 2, 3

Remove instrument.

Press level preselection key until a signal is heard.

It is possible to switch between maximum and manual mode using the plus key and the minus key.

Maximum mode:

The turbine is always operated at maximum speed at every position of the foot switch.

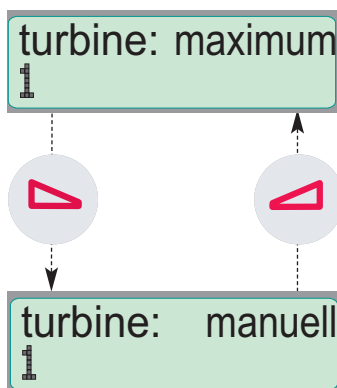
Manual mode:

A speed between 160,000 min⁻¹ (left stop) and 300,000 min⁻¹ (right stop) can be selected by means of the foot switch on the multifunction foot control.

Storage:

Press level preselection key until a signal is heard.

Control/Display



Setting the Motor reverse.

Remove motor from the support.

Press motor reverse key

or

press motor reverse key on the multifunction foot control.

LED lights up: Motor reverse has been preselected.

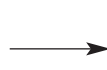
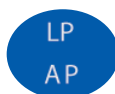


or



Saving:

Press LP/AP key with instrument picked up until a signal is heard.



KaVo Primus® 1058 S/TM/C/G.

Speed setting motor/ Intensity setting PIEZOlux/ COMFORTdrive 200 XD

(with installed Memospeed)
Level 1, 2, 3

Remove motor/PIEZOlux
Press level preselection key
until a signal is heard.

Set the intensity using the
plus key and minus key.

motor

Minimum mode:

K motor: 400 min⁻¹

KL motor: 2000 min⁻¹

Maximum mode:

K motor and KL motor: 40000 min⁻¹

PIEZOlux/COMFORTdrive 200 XD

Minimum: 1/Maximum: 10

The step size is 0.25.

COMFORTdrive 200 XD

Min 1: 30.000 min⁻¹

Max 10: 200.000 min⁻¹

Storage:

Press level preselection key
until a signal is heard.

Control/Display

E123



Motor

minimum: 2000

minimum: 40000

minimum ≤ maximum

maximum: 2000

maximum: 40000

PIEZOlux/COMFORTdrive 200 XD

minimum: 1.0

minimum: 10.00

minimum ≤ maximum

maximum: 1.0

maximum: 10.00

E123



KaVo Primus® 1058 S/TM/C/G.

ON/OFF functions of heating and cold light on the multifunction handpiece

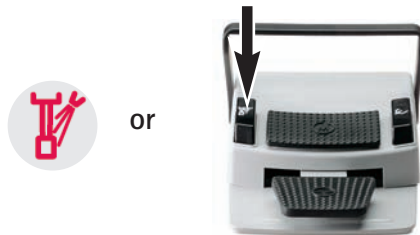
Control/Display

Setting on dentist's element

Remove multifunction handpiece from the holder.

Holder switch is operated.

Press spray preselection key or press spray preselection key on the multifunction foot control.



LED lights up: heating and cold light for multifunction handpiece on dentist's element are preselected.



Storage

Press LP/AP key with instrument picked up until a signal is heard.



i Cold light intensity is constant.

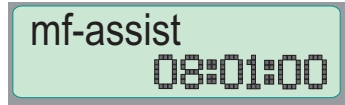
KaVo Primus® 1058 S/TM/C/G.

ON/OFF functions of heating and cold light on the multifunction handpiece

Control/Display

Setting on Comfort assistant's element

Remove multifunction handpiece from the holder.



Press air or water key on the multifunction handpiece briefly.

Press spray preselection key or press spray preselection key on the multifunction foot control.



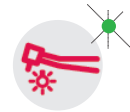
or



LED lights up: heating for multifunction handpiece on assistant's element is preselected.



Press cold light preselection key.



LED lights up: cold light for multifunction handpiece on assistant's element is preselected.

Storage

Press LP/AP key with instrument picked up until a signal is heard.



Cold light intensity is constant.

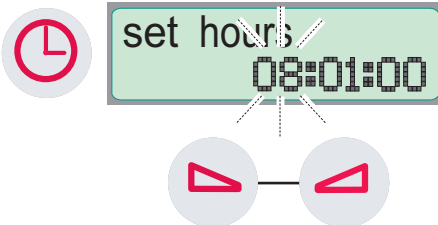
KaVo Primus® 1058 S/TM/C/G.

Setting the time.

Press clock key until a signal is heard.

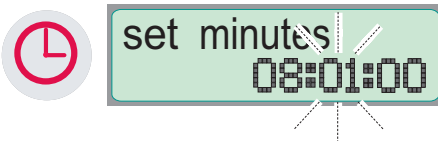


Set hours by means of the plus key and the minus key.



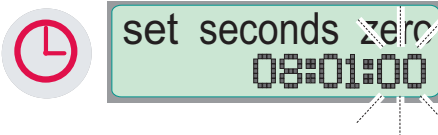
Press clock key again briefly.

Set minutes.



Press clock key again briefly.

Set seconds to zero.



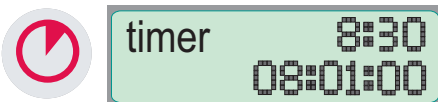
Saving:

Press clock key until a signal is heard.



Timer

Timer start

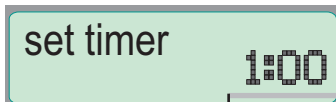


Press timer key. The set time starts to run.
After the time has elapsed, a signal is heard



Setting the timer:

Press timer key until a signal is heard.



Set desired time using the plus key and the minus key. Max. 8 minutes, 30 seconds

Saving:

Press timer key until a signal is heard.



KaVo Primus® 1058 S/TM/C/G.

Handling function keys-

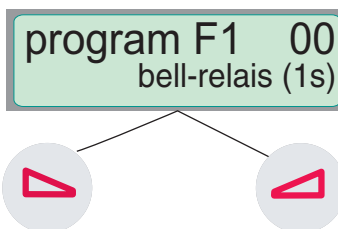
Control/Display

Setting a function.

Press key F1 or F2 until a signal is heard.



Select the function using the plus and minus keys



Save the function.

Press key F1 or F2 until a signal is heard.



Calling up the function.

The saved function is triggered if the F1 or F2 key is pressed briefly.



14 functions are preprogrammed.

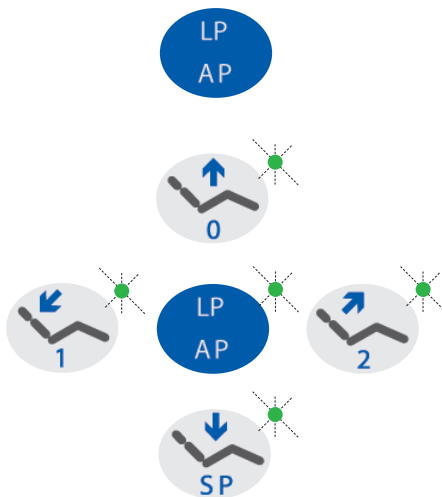
KaVo Primus® 1058 S/TM/C/G.

Hydroclean-function.

Control/Display

Calling up function.

Press LP/AP key (Preparation).
LEDs flash for about four seconds.



Press the key bowl rinse.
The Hydroclean-function is started.
Press again for switching off
the function.



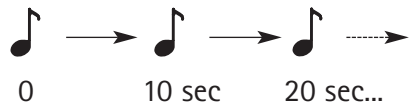
i This function activates the suction machine and causes the suction lines (from filter housing to separation system) to be flushed with clean water fully automatically for approx. 150 seconds. Bowl rinsing is switched on and off several times.

KaVo Primus® 1058 S/TM/C/G.

Refilling Oxygenal.

Control/Display

When a tone is heard at one second intervals (10 tones), the storage tank is empty.



Remove mouthwash glass filler and cover.



Fill with one bottle of Oxygenal (max. 1 litre).
When a tone is heard at one second intervals (10 tones), the storage tank is full.
Stop refilling immediately.



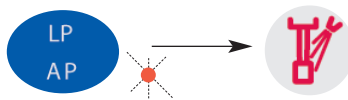
Do not fill the central hole (mouthwash glass drain).

KaVo Primus® 1058 S/TM/C/G.

Instrument rinsing programme Control element/display

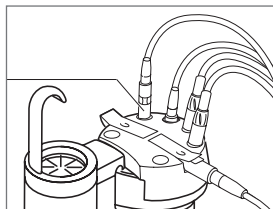
(only in conjunction with the intensive disinfection kit)

Press the LP/AP button (AP-LEDs flash for 4 seconds). While they are flashing, press the Spray button.



Place the sterilisation attachment on the ceramic bowl or insert it in the glass bowl.

COMFORTbase



Place the instruments in the sterilisation set on the spittoon.

Press the foot pedal to display the time for rinsing the instruments and triple or multifunction handpiece.



The standard value for rinsing program is 02:00:00 minute per instrument.

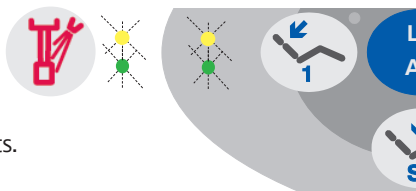
Adjust the time with the "Chair up" and "Chair down" keys from 0:00 to 8:30 minutes.



Start the instrument rinsing program: Press the Spray key when turning on the device again, e.g. on the following day.



End of the instrument rinsing program: The spray air LED flashes yellow, the spray water LED flashes green, power LED flashes green, and service LED flashes yellow. Set down the instruments.



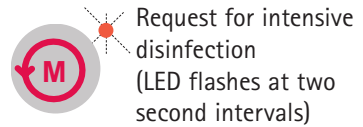
End the rinsing program: The rinsing program can be immediately terminated by pressing the Spray key again or turning the device off and on.



KaVo Primus® 1058 S/TM/C/G.

Intensiv sterilisation (optional) Control element/display

Start intensive sterilisation without an automatic request:

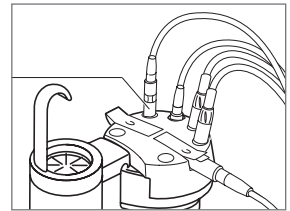


Press the button when the instruments are mounted until you hear a beep and the LED flashes (once every second).



Place the instruments in the sterilisation set on the spittoon.

COMFORTbase

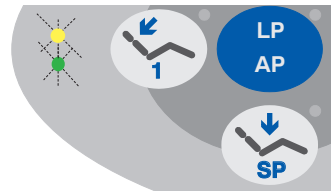


Start the function.

Press the key. Intensive sterilization runs automatically.



End of intensive sterilisation.



After rinsing the instruments with a high oxygenal concentration, the start of the dwell time is signalled with a 4 second beep.

The dwell time is 30 min.

During this time, the device can be turned off. After intensive sterilisation is over, the Device ON LED and the service LED flash. After placing the instruments in their holders, the device is ready to operate

KaVo Primus® 1058 S/TM/C/G.

Skip exposure phase

Control element/display

Function.

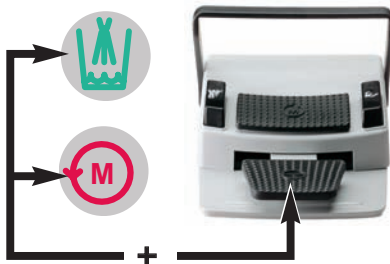
Intensive sterilisation occurs in step 7-4.5 (before the dwell time): Turn the device off and on. The intensive sterilisation switches to step 3.6. The automatic rinsing process starts. Set down the instruments after the rinsing process.



Intensive sterilisation is in step 4 (dwell time): Simultaneously press and hold the intensive sterilisation key and hydrocolloid key.



Simultaneously press the foot button until you hear a signal. The intensive sterilisation switches to step 3.6. Set down the instruments after the rinsing process.



i This function is necessary when intensive sterilisation has already started, and the treatment unit has to be used (for example: in emergencies, in hospitals, etc.).

! After intensive sterilisation, the oxygen concentration is higher. The automatic rinsing process (duration: about 6 min.) may therefore not be terminated. After the rinsing process, the concentration is normal.


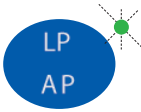



KaVo Primus® 1058 S/TM/C/G.

Warnings

Display

Safety cut-outs.

A safety cut-out is active if one of the LEDs of the automatic position keys flashes.

Assignment:	Backrest	SP	
	Seat		
	Underside chair parallelogram		
	Vacu-Stop		
	Stirrup on multifunction foot control	LP/AP	
	Assistant's element	AP1	
	Patient's part swivelled over the patient's chair	AP2	
	Microswitch (Dentist's element C)	AP0	



The safety cut-outs immediately stop the respective chair movements.

KaVo Primus® 1058 S/TM/C/G.

Further warnings.

Display

Oxygenal tank empty.

A signal tone is heard at ten second intervals.

Oxygenal tank full.

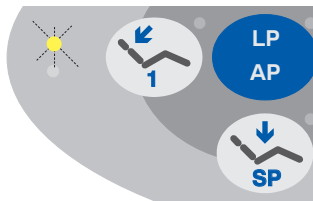
Ten signal tones at one second intervals.

Amalgam separator.

A signal is heard.

The Service LED flashes.

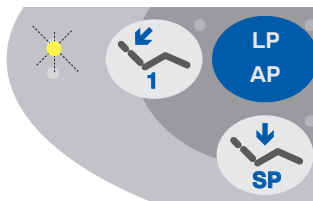
This only indicates a fault in the amalgam separator. Detailed information is given on the display of the amalgam separator and in the associated operating instructions.



Bowl suction valve overfilled.

Service LED flashes for 10 seconds.

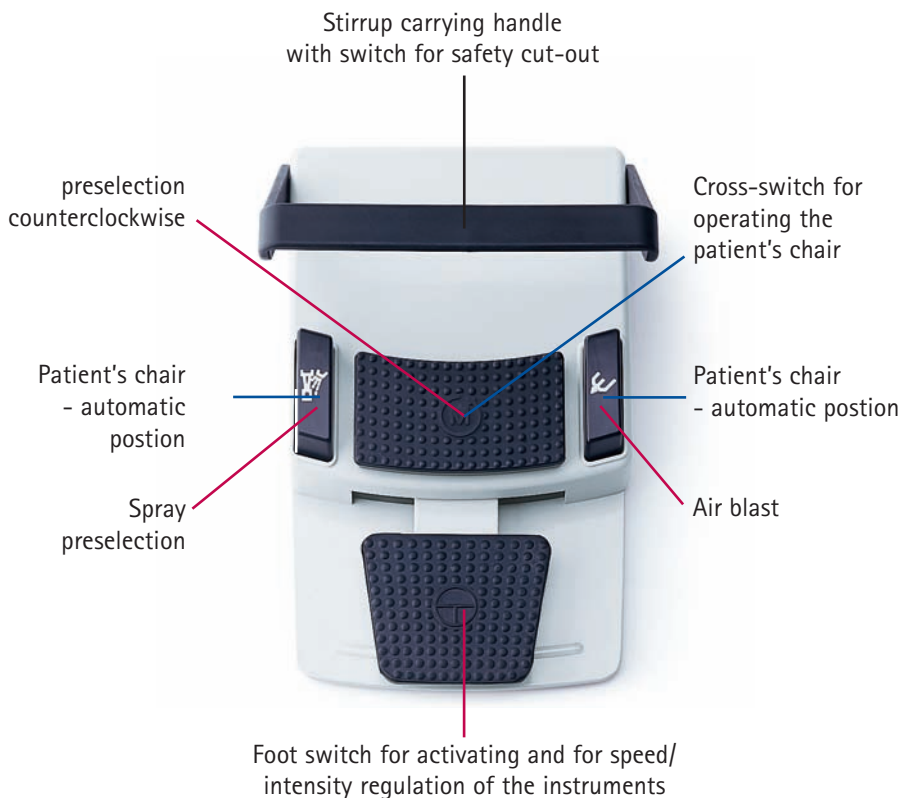
Emergency off switch for bowl suction valve is operated. Water for bowl rinse and mouth-wash glass filler is switched off.



KaVo Primus® 1058 S/TM/C/G.

Functions on multifunction footcontrol

- Function with instruments removed.
- Function with instruments placed in holder or instrument removed and stirrup switch* pressed once.

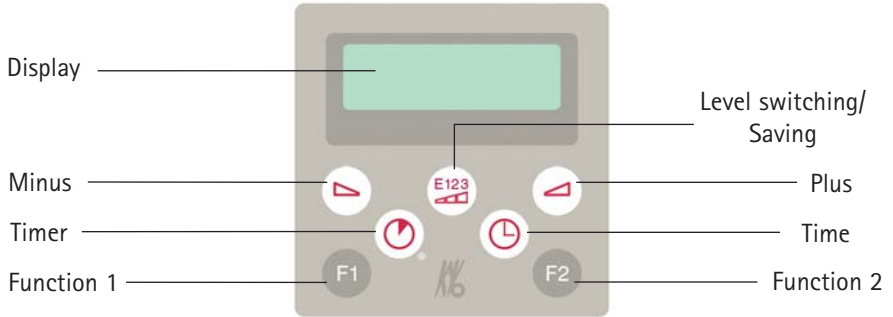


* Chair functions are switched off again by operating the foot switch.

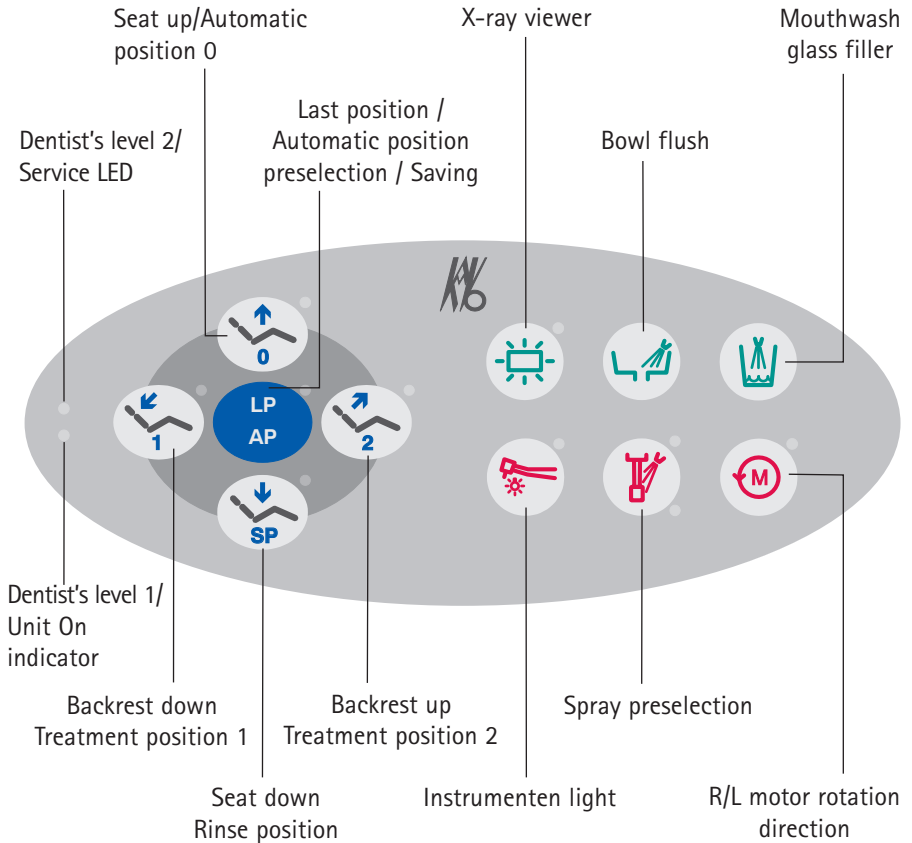
KaVo Primus® 1058 S/TM/C/G.

KaVo Primus® 1058 S/TM/C/G.

Memospeed



Dentist's unit





KaVo. Dental Excellence.