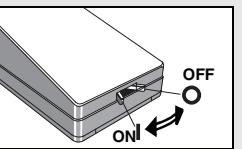

Dear Customer,

You can use these brief operating instructions to quickly find the most important control procedures and functions of your dental treatment center.

However, they do not describe all of its functions. Therefore, they cannot replace the full operating instructions of your dental treatment center with its many important descriptions and warnings.

Care and cleaning of the treatment center are described thoroughly in the document entitled "Care and Cleaning by the Practice Team". A quick overview of the required measures is provided in a document entitled "Care and Cleaning Plan for Treatment Centers".

Your M1+ Team

1 Unit main switch


During power-up, the treatment center automatically performs a self-test.

After 20 seconds, the "READY" reading appears on the display.

2 DE instrument positions

Position 1	Position 2	Position 3	Position 4	Position 5	Position 6
SPRAYVIT L	Motor	Motor	Motor	Highspeed handpiece	SIROSONIC L
	Highspeed handpiece	Highspeed handpiece	Highspeed handpiece	SIROSONIC L	SIROTOM
				Mini L.E.D.	Mini L.E.D.
					Camera

on the side of the dentist element

3 AE instrument positions

Position 1	Position 2	Position 3	Position 4
Mini L.E.D.	SPRAYVIT L	Suction handpiece	Saliva ejector

3. Suction hose

Control panel, dentist element

4

1 **Display for indicating unit status**
AMALG appears when the amalgam rotor needs to be replaced.
DESINF starts flashing when DENTOSEPT P must be refilled.
A appears when user A is selected.
B appears when user B is selected.

2 **Mode key**
Mode key with + / - keys for programming basic settings
You can go on to the next basic setting dialog by repeatedly pressing the Mode key.
You can use the +/− keys to set the following functions directly once they have been selected:
■ Intensity of the instrument lights
■ Intensity of the operation light
■ Tumbler filling time
■ Cuspidor flushing time

3 **Main functions – dark blue keys**
Quick setting keys for instrument intensity and speed for:
■ Electric motors
■ Ultrasonic scalers
■ HF electrosurgery
If you press a key for less than 0.5s, the value indicated next to that key appears on the display.
To set intermediate values, keep the key pressed longer than 0.5s.

4 **Additional functions – light gray keys**
Preselection of user A or B
All instruments must be in their place.
The operator cannot be changed if an instrument is removed.
X-ray image viewer ON/OFF
Also WHITE SCREEN activation for SIVISION monitor

5 **Programming chair positions**
The four factory-set programs can be changed individually by users A and B (observe the display).
■ Entry/exit program 0
Programs 1 and 2
Mouth rinsing program S
Move the chair to the desired treatment position by activating the various control elements for manual setting (see 1 and 2).
To have the SIROLUX FANTASTIC operation light switch on or remain off when the chair reaches the programmed treatment position, you must switch the lamp ON or OFF now. This setting is then also programmed.
Now move the dentist element to the desired treatment position by hand.
To save the program settings, press the desired program key for approx. 3 seconds.
An acoustic signal sounds and the LED in the corresponding key lights up.

6 **Saving instrument functions**
The factory-set instrument programs can be changed individually by user A and user B.
Select the corresponding user, i.e. A or B, pick up an instrument and set it according to your wishes.
Example for electric motor:
■ 40,000 rpm
■ CW rotation
■ with cooling spray
■ with instrument light
The settings are stored by pressing the Save key for a longer period of time (approx. 3 s).
An audible signal sounds. These settings are then activated whenever the instrument is picked up.

7 **Control panel, assistant element**

1 **Main functions – dark blue keys**
Mouth rinsing position chair program with memory function of last treatment position
Chair program 0 Entry/exit position (freely programmable)
Chair programs 1 and 2 (freely programmable)
The four program keys are also used for reprogramming the chair programs.

2 **Additional functions**
Tumbler filling ON/OFF
Cuspidor flushing ON/OFF
X-ray image viewer ON/OFF Also WHITE SCREEN activation for SIVISION
Sanitation of the treatment center This key can be used to start the treatment center sanitation program.
Freely selectable function The function can be preset as a button or switch in the Mode dialog.
Light ON/OFF ■ With SPRAYVIT picked up: Instrument light
■ With SPRAYVIT in holder: Operation light

3 **Chair functions – light blue keys**
Manual adjustment of headrest Moving the headrest in/out

8 4-way foot control

Positioning the patient

Backrest

- Lever to the left: Backrest to the rear
- Lever to the right: Backrest to the front

Height adjustment

- Lever up: Chair moves up
- Lever down: Chair moves down

Suction via 4-way foot control

When the large spray aspirator is removed from its holder, the suction current can be switched on and off with the 4-way foot control.

This function must be preselected in the mode dialog "SUCTION VIA 4-WAY FOOT CONTROL".

9 4-way control of headrest

Positioning the patient with the switches on the motorized head rest

Moving the headrest in/out

- Upper 4-way control up: Headrest moves out
- Upper 4-way control down: Headrest moves in

Tilting the headrest

- Upper 4-way control to the left: Headrest tilts back
- Upper 4-way control to the right: Headrest tilts forward

Backrest

- Lower 4-way control to the left: Backrest tilts to the rear
- Lower 4-way control to the right: Backrest tilts forward

Height adjustment

- Lower 4-way control down: Chair moves down
- Lower 4-way control up: Chair moves up

10 Foot switch for C+

Foot pedal

Activating the instrument

- An instrument is removed.
- Step on the foot pedal.
- The instrument starts running.
- If appropriate, intensity control relative to pedal movement (if "speed controller foot switch" has been preset under Mode).

Travel on the track (toward the user)

- All instruments are in place.
- Step on the foot pedal.
- The dentist element moves toward the operator as long as the foot switch is actuated.

Right button

Programmed movement to position 0

- All instruments are in place.
- Press right key.
- Programmed movement of the chair to entry/exit position 0.

Activating the chip blower

- An instrument is removed.
- Press right key.
- Chip blower active for duration of actuation, or video function.

11 Mini L.E.D.

Keys and LEDs

1	ON/OFF switch
2	Function button
3	Status control lamp
green	Normal operation
red, flashing	Overheat protection

Operating mode displays

The Mini L.E.D. has three different modes. To select the desired menu, press function key 2.

VIDEO mode

The camera image is directly displayed on the SIVISION monitor. The quad image memory of the camera is activated.

PC mode

The camera image is first processed on the PC and then the image generated on the PC is displayed on the video monitor.

PC mode->VIDEO mode selection

- with the camera removed
- Press the "Mode switchover" key on the control panel.

To save still images II to IIII, switch to the next image memory location (see "Switching to the next image") and repeat the procedure.

Switching to the next image

- Press the "Switching to next image" key or
- with the camera removed, actuate the left foot switch key.
- In SINGLE IMAGE mode, switching to the next memory location.
- In QUAD IMAGE mode, switching to memory location I, II, III or IIII for image selection.

12 Patient communication system

Cameras

SIROCAM 3

- Slide switch for presetting the focusing range before inserting the camera in the oral cavity.
- Camera key for controlling different video functions

SIROCAM C

In the LIVE IMAGE mode, you can toggle between the close and far ranges by pressing button (1). Button released – close range 5 – 15 mm
Key held down – far range 15 mm and more

Operating modes

VIDEO mode

Display of still images

The camera can save 4 consecutive still images (identified with I, II, III and IIII). A 5th view shows a QUAD IMAGE in which these 4 still images are tiled on the screen.

PC mode

Saving still images in the video camera

- Remove the camera (→ live image).
- Step on the foot pedal (→ still image).
- Step on the foot pedal again (→ live image).
- Step on the foot pedal (→ still image I is overwritten) etc.

Second monitor function without camera

The monitor integrated in the treatment center is used as a primary or secondary video display unit for the externally connected PC. Its factory settings and configuration procedure are described in the instructions "PC Software Installation Manual", REF 59 11 719 (on CD).

Toggling between QUAD IMAGE and SINGLE IMAGE

- Actuate the "Quad image" key or
- with the camera removed, actuate the right left foot switch key.
- Toggle between QUAD IMAGE and SINGLE IMAGE
- When you switch to a SINGLE IMAGE, the image previously selected in the QUAD IMAGE is displayed.

Grasping the camera ergonomically

The risk of blurred exposures can be reduced considerably by using a finger resting on the patient's chin as a "makeshift camera stand".

Clearing the memory

- Only with the camera removed and active!
- Actuate the "Clear memory" key.
- Clears all camera image memory locations. The LIVE IMAGE mode for image I appears.

1 Displaying images, saving and deleting in the Video mode

2 White screen/black screen

White screen

Switches WHITE SCREEN ON or OFF on the SIVISION monitor.

Black screen

Toggles between any view and a BLACK SCREEN. The previous view reappears when you press this key again.

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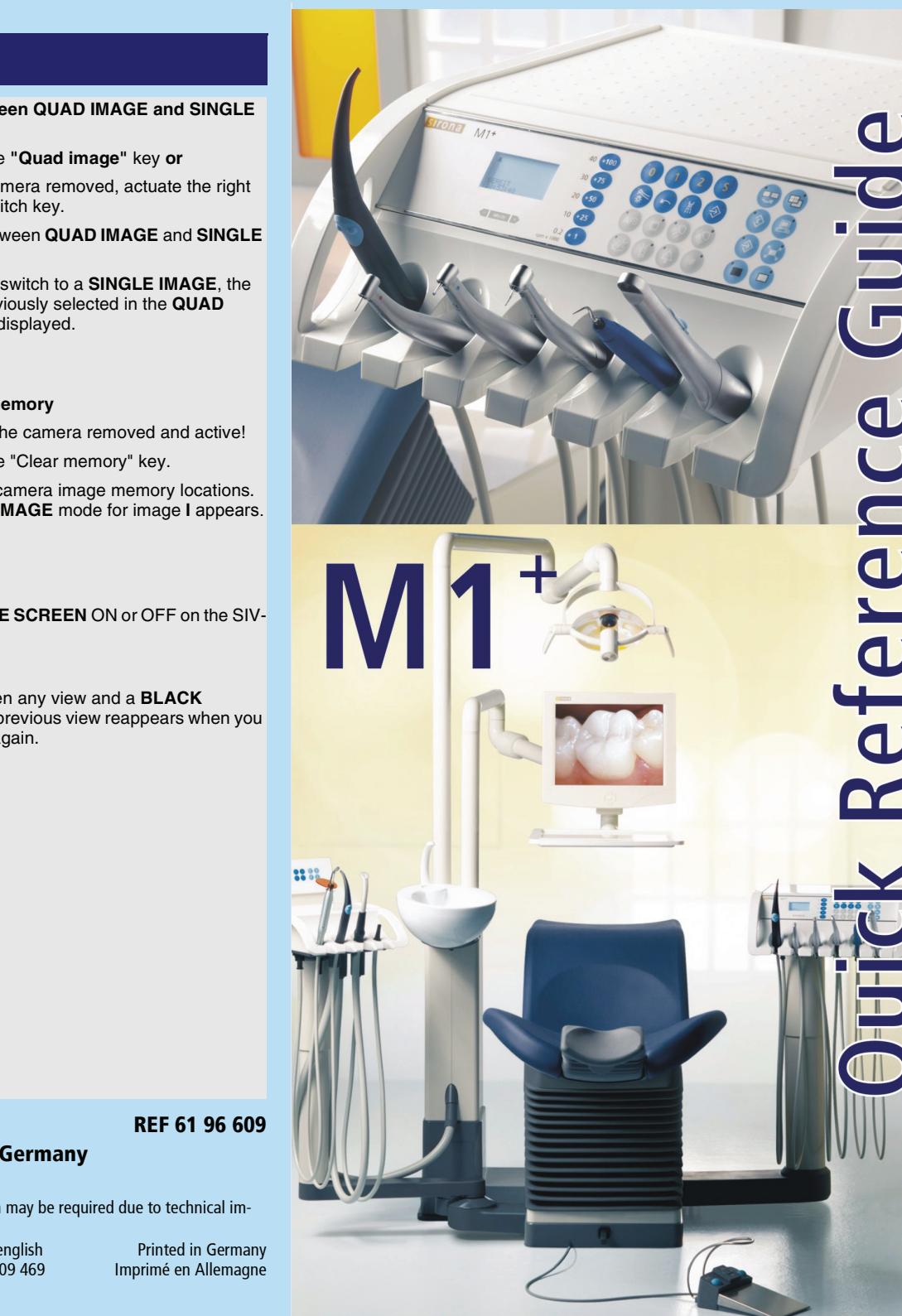
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