

Unique Planmeca Compact i Standard Features

Feature	Planmeca Compact i	Sirona C3+
----------------	---------------------------	-------------------

CHAIR

No chair base, free space under chair	YES	NO
Chair will not move while running the instruments	YES	NO , when taken
4+1 adjustable chair programs (Plus package: for 6 users)	YES	3+1 for A and B
Chair programs synchronized with light	YES	YES
Knee clear safety movement	YES	NO
Compensating backrest	YES	YES
Stand up height 81 cm/32" – extractions, stand up surgery	YES	NO , 78cm
Chair seat down to 35 cm/13" from floor	YES	NO , 42cm
1 cm backrest casting / only 3,5cm with upholstery	YES	NO , 5,5cm
Narrow upper backrest for access	YES	NO , optional narrow backrest
Emergency switching under the seat and the backrest	YES	YES
Free floating backrest	YES	NO , only a few cm

INSTRUMENTATION

Mid flexing instrument arms – not in vision field of the patient	YES	YES
Optical instrument switching	YES	NO
Only 7 cm instrument activation track	YES	NO , long track
Plug and perform instrumentation	YES	YES + NO , only motor, turbine and scaler
Interchangeable instruments	YES	YES + NO , as above
User installation of instruments	YES	YES
Memory capacity to operate with 8 instruments	YES	NO
Transportable electric low speed motor	YES	YES
Transportable polymerization light	YES	NO
LED cure in the dentist console	YES	NO
Transportable piezo scaler	YES	YES
Overhead light dims before use of light cure	YES	NO
Polymerization light timer display	YES	NO , only acoustic
Valveless HVE handpiece	YES	NO , volume control from the keyboard
Keyboard instrument air and water adjustment	YES	NO
Software real time control of water and air pressure	YES	?
Instrument logic that allows multiple servicing of non active instruments	YES , first activated remains active	YES+NO , first taken remains active
Intra-oral camera transportable	YES	YES
5 piezon scaler types available	YES	NO , one type
3 syringe types available	YES	NO , two types
3 micromotor types available	YES	NO , two types
Intra-oral camera integrated to instrument bridge	YES	YES

Easy to clean instrument arm	YES	NO , with exposed metal spring
Automatic chip blow fuctions	YES	NO , only from footcontrol

DELIGHT DENTAL LIGHT

Arm reach allows illumination from behind patients forehead Maxillary Anterior/Lingual	YES	YES
Small reflector, easy to position	YES	NO
Ergonomic single handle – converts 12 o'clock to 6 o'clock	YES	NO , two handles
Light to maneuver from sit down	YES	NO
On and off setting synchronized with chair programs	YES	YES
Automatic dimming while filling the cavity with composite	YES	NO
Pull down lens for easy light bulb access	YES	NO , time consuming
Standard 150W 24V bulb – no special socket	YES	YES
5000 Kelvin color correct light temperature	YES	YES
Even distribution of light	YES	YES
Shadowless light	YES	YES
Always in focus regardless of distance to object	YES	NO , 70 cm distance
Autoclavable light handle cover	YES	YES , difficult to remove
Light intensity adjustable from light switch	YES	YES
Programmable intensity level	YES	YES
Heat dissipates behind – cool light	YES	YES , blower

HYGIENE FEATURES

Integrated instrument cleaning holder	YES	NO , separate cover
Automatic quick instrument flush	YES	NO
Automatic intensive instrument flush	YES	YES
Waterline cleaning system included as standard	YES	NO , optional extra
Exhaust air anti suck back control by the unit	YES	NO !
Automatic boiler cooling	YES	NO
Automatic combined instrument and suction flush/cleaning	YES	YES
Waterline cleaning once a week overnight program	YES	NO , constant feeding of chemical
Full length of the instrument hose can be wiped clean	YES	YES
Removable and autoclavable instrument arms	YES	YES , non autoclavable

HEADREST MECHANISM

Double articulating, free movements at no extra price	YES	NO , flat version or non adjustable version
Low release force design	YES	-
Swivels to children/small adults	YES	NO , push down
Adjustable friction slide lock	YES	YES

OVER-THE-PATIENT ARM

No need to lock the arm	YES	NO , switch
Without open seams and joints	YES	NO , bellows
Smooth small friction movements	YES	YES

FOOT CONTROL

Activate automatic rinse position	YES	YES
Chip air on foot control	YES	YES
Foot control handle	YES	YES
Operating light intensity adjustment	YES	YES
Water spray volume adjustment	YES	NO , only from instrument console
Power control right or left Converts from horizontal to vertical pedal motion	YES	NO , only vertical
Combination foot control instruments, chair, unit, intra oral camera –only one foot control on the floor	YES	YES , if other software than S. second foot control needed
Active cup filler	YES	?
Freeze Intracam Image – Save Intracam Image	YES	YES

CONSTRUCTION/DESIGN

Requires only 30 cm space on the left side of the chair	YES	NO , Assistant arm requires more space
All metal (almost) construction	YES	NO , covers are plastic
Seven different suction systems	YES	NO
Field conversion of suction system	YES	NO
Dürr Connect System + Time saving suction servicing	YES	NO
Main valve and regulator centralized and removable	YES	YES
No external junction box	YES	YES
Ready for surface mount services	YES	YES
Economical to replace wearing external elements keyboard/console	YES	NO , membrane switch
Digital control (serial communication)	YES	YES , CAN BUS
Single upgradable software chip	YES	NO , 3-4 chips
Simple wiring	YES	YES
One main PCB	YES	NO , 5 elementary PCBs
Boxed well protected main PCB	YES	NO , PCB in the water element exposed
Short circuit safe PCBs	YES	NO
Self diagnosis	YES	YES
Visual check of fuses	YES	NO , only for technicians
Help coding	YES	NO
Service mode	YES	NO
Customized settings	YES	NO , limited
Program locking: chair, unit, instrument settings	YES	NO
Intraoral x-ray can be integrated	YES	NO

LEFT/RIGHT CONVERSION

Instant conversion of delivery arm and suction arm	YES	NO , dedicated left model or C5+Turn
Requires no extra space on the left side of the unit	YES	NO , C5+Turn requires 50% more space on the left side
Chair mounted left right convertible suction arm	YES	NO , spittoon, suction arm and delivery arm move
Standard unit can be adapted to left/right	YES	NO , requires dedicated left model or C5+Turn

Most Common complaints of C3+:

- Not enough space under the chair
- Assistant arm not easy to move
- Foot control cursor system
- Sprayvit: water in the air supply
- Chair base bellows difficult to clean