

Unique Planmeca Compact i Standard Features

Feature	Planmeca Compact i	KaVo 1058 Primus
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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	YES	4+2
All chair programs synchronized with light	YES	NO , only positions 1+2
Knee clear safety movement	YES	
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 , 39,5cm
1 cm backrest casting / only 3,5cm with upholstery	YES	NO , 4,5cm
Narrow upper backrest for access	YES	YES
Emergency switching under the seat and the backrest	YES	YES
Free floating backrest	YES	

INSTRUMENTATION

Mid flexing instrument arms – not in vision field of the patient	YES	NO
Optical instrument switching	YES	
Only 7 cm instrument activation track	YES	
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 led or halogen light cure	YES	NO
Led or halogen light cure in the dentist console	YES	NO , and NO Led
Transportable piezo scaler	YES	YES
Overhead light dims before use of light cure	YES	NO
Light cure timer display	YES	NO , only acoustic
Valveless HVE handpiece	YES	NO , volume control with valve, foot suction stop
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	?
Intra-oral camera transportable	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 , on the side

Easy to clean instrument arm	YES	NO , partly integrated with whip arm
Automatic chip blow functions	YES	NO , only from foot control

DELIGHT DENTAL LIGHT

Arm reach allows illumination from behind patients forehead Maxillary Anterior/Lingual	YES	
Small reflector, easy to position	YES	
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	
Automatic dimming while filling the cavity with composite	YES	NO
Pull down lens for easy light bulb access	YES	
Standard 150W 24V bulb – no special socket	YES	
5000 Kelvin color correct light temperature	YES	
Even distribution of light	YES	
Shadowless light	YES	
Always in focus regardless of distance to object	YES	
Autoclavable light handle cover	YES	, difficult to remove
Light intensity adjustable from light switch	YES	
Programmable intensity level	YES	
Heat dissipates behind – cool light	YES	

HYGIENE FEATURES

Integrated instrument cleaning holder	YES	
Automatic quick instrument flush	YES	NO
Automatic intensive instrument flush	YES	
Waterline cleaning system included as standard	YES	NO , optional extra with water block
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	NO , partly fixed to arm
Removable and autoclavable instrument arms	YES	

HEADREST MECHANISM

Double articulating, free movements at no extra price	YES	YES
Low release force design	YES	NO , rotary knob
Swivels to children/small adults	YES	NO , push down
Adjustable friction slide lock	YES	

OVER-THE-PATIENT ARM

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

FOOT CONTROL

Electric foot control	YES	NO , Pneumatic
Activate automatic rinse position	YES	NO , only from panel
Chip air on foot control	YES	YES
Foot control handle	YES	YES
Operating intensity adjustment	YES	NO
Water spray volume adjustment	YES	NO , only from instrument console
Power control right or left Converts from horizontal to vertical pedal motion	YES	
Combination foot control instruments, chair, unit, intra oral camera –only one foot control on the floor	YES	NO , limited to instruments and limited chair functions
Activate cup filler	YES	NO
Freeze Intracam Image – Save Intracam Image	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, cast aluminium	YES	NO , metal but not cast aluminum
Six different suction systems	YES	NO , four alternatives
Field conversion of suction system	YES	
Dürr Connect System + Time saving suction servicing	YES	
Main valve and regulator centralized and removable	YES	
No external junction box	YES	YES
Ready for surface mount services	YES	
Economical to replace wearing external elements keyboard/console	YES	NO , membrane switch
Digital control (serial communication)	YES	
Single upgradable software chip	YES	
Simple wiring	YES	
One main PCB	YES	
Boxed well protected main PCB	YES	
Short circuit safe PCBs	YES	
Self diagnosis	YES	NO , separate tester
Visual check of fuses	YES	NO , only for technicians
Help coding	YES	NO
Service mode	YES	NO
Customized settings	YES	NO
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 available or Status 1080 model
Requires no extra space on the left side of the unit	YES	NO , Status 1080 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 Status 1080 model

Most Common complaints of Primus 1058:

- Not enough space under the chair
- Assistant arm is very large
- Instrument console very large
- Limited available instrumentation