



S.M.D. Srl

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STERN PODIA 

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STERN PODIA 



STERN PODIA 

Please note that the images present in this catalogue are for illustration and promotional purposes only. Actual product and design may slightly vary due to product enhancement, different device screen settings, the lighting in the installation location, slight differences in product finishes over time and other factors.

SMD Stern Podia will not accept responsibility for any color or design differences that are not factory faults.

Steel chassis with highly resistant covers in ABS+PMMA, mounted on steel base with 4 rotary castors and arranged to accommodate the chest of drawers. Fasteners in stainless steel high strength.

Worktop in Corian BTS with raised edge.

Double articulated arm on three joints.

Instrument holder with wide motions, including devices, functions and controls of electric, pneumatic and hydraulic circuits. Pressurized container of spray water. Air filter with automatic drain of condensation.

Movable Touch Screen 5" control panel with management of instruments and visualization of unit and dynamic instrument activation, as well as micromotor maximum selected speed, working speed and percentage of power air used for the turbine.

Controls for: spray activation, sequential and timer-controlled function of the sprays, optical fibers activation, rotational direction inversion (with acoustic signal) and further inlet.

User set-up visualization, selection of the combined Stern Podia chair model, operating instructions and ordinary maintenance.

Wireless control of the Stern-Podia chair movements.

Safety system that prevents the simultaneous activation of the spray/suction functions.

Air intake: 5bar, 50 l/min.

Dimensions on floor: 50x78 cm – Operational dimensions: 79 x 64 x 92/114 (h) cm

Weight: 90 kg

LUNAR

Lunar is available in lefthanded configuration without any extra charge



Lunar is available in B and F versions

LUNAR "B":

Instruments with spring tension arms and stop device (syringe excluded)



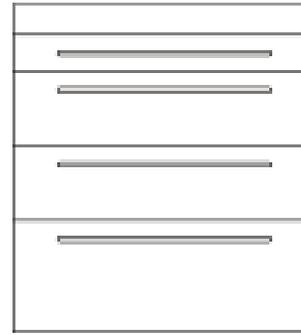
LUNAR "F":

Instruments with suspended hoses.



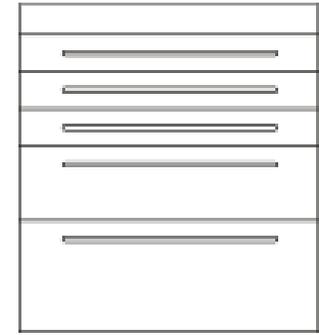
Structure finished with RAL 9016 powder coating and finishes in COLD GREY SMD color

CHEST DRAWERS' CONFIGURATION FOR LUNAR UNIT



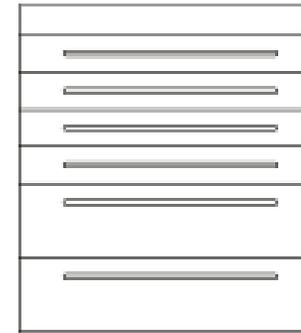
Code 3913130

Element with no. 1 "M1" drawer,
no. 2 "M2" drawers and no. 1 "M3" drawer.



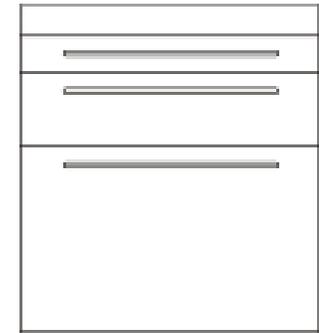
Code 3913140

Element with no. 3 "M1" drawer,
no. 1 "M2" drawers and no. 1 "M3" drawer.



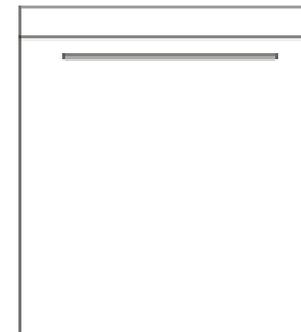
Code 3913150

Element with no. 4 "M1" drawer
and no. 2 "M2" drawers.



Code 3913160

Element with no. 1 "M1" drawer,
no. 1 "M2" drawers and no. 1 "M5" door.



Code 3913170

Element with no. 1 "M8" door.



Code 3981601

UV system for "M2" drawer
with switch on/off and automatic turning on
Two standard trays in anodised aluminium

OPERATING UNITS:



STERN PODIA

Class II Medical Device

Swiss and Italian
electronic boards

Internal Transformer device
certified as medical

Worktop in
Corian BTS

Reducers to adjust both air
and spray flow-rate

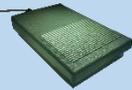
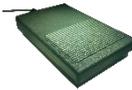
Structure made of steel
treated against oxidation

ABS-PMMA casings

Wheels to guarantee
easy movements

Chip Blower: air flux via direct pressure
of the pedal lever (on SL / AS pedals)



<p style="text-align: center;">DENEK</p>	<p style="text-align: center;">LUNAR</p>	<p style="text-align: center;">ATLAS</p>	<p style="text-align: center;">QUASAR</p>
<p>Deneb: just a few movements to change from left-handed to right-handed users and vice versa</p> 			
<p>The pedal is included in the price of the unit</p>	<p>The pedal is NOT included in the price of the unit</p> <p>Possibility to choose between:</p>	<p>The pedal is NOT included in the price of the unit</p> <p>Possibility to choose between:</p>	<p>The pedal is included in the price of the unit</p>
 <p style="text-align: center;">SL Pedal</p>	 <p style="text-align: center;">SL Pedal</p>  <p style="text-align: center;">ON/OFF Pedal</p>	 <p style="text-align: center;">SL Pedal</p>  <p style="text-align: center;">ON/OFF Pedal</p>	 <p style="text-align: center;">AS Quasar: AS Pedal</p>  <p style="text-align: center;">A Quasar: ON/OFF Pedal</p>

ON/OFF Pedal

Activation of the instruments at the pre-set speed



SL and AS MULTIFUNCTIONAL PEDALS

allow to progressively work until the pre-set maximum speed

SL multifunctional pedal

Progressive increase of the speed of both Micromotor and Turbine



Horizontal shifting on "A" lever:

activation and adjustment of dynamic instruments (Micromotor und Turbine) rotation speed.

AS multifunctional pedal

Progressive increase of the micromotor speed
The turbine is activated to the maximum speed **only**

Horizontal shifting on "A" lever:

Turbine activation.
Action and adjustment of Micromotor rotation speed.



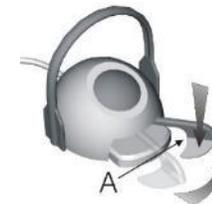
Vertical shifting on "A" lever when dynamic instruments are not active:

activation of dynamic instruments chip-blower function.



Vertical shifting on lever "A" when dynamic instruments are active:

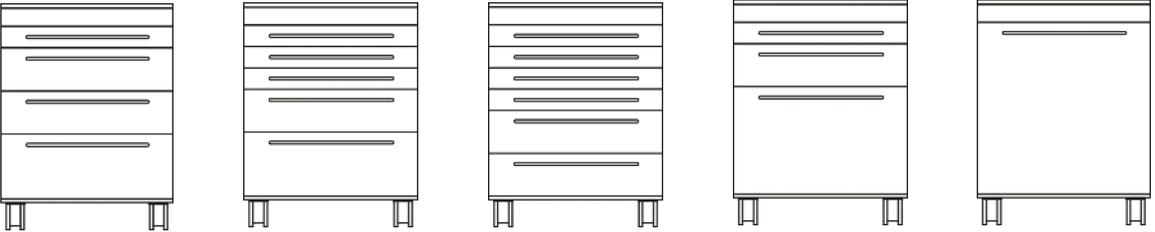
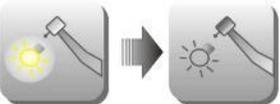
spray activation both in continuous and sequential way



SMD ADDITIONAL SECURITY SYSTEMS:

- **Hydro Stop:** air flux automatically activated any time the micromotor stops working to avoid cross contaminations
- Impossibility to work with spray and suction at the same time
- Impossibility to work if compressor is not connected to the unit
- Impossibility to work if the bottle containing water is not pressurized
- Activation of only one instrument at a time

	DENEb	LUNAR	ATLAS	QUASAR
Possibility to choose between			F	F
B: spring tension instruments 				
F: hanging hoses instruments 	B / F	B / F		
Control Panel	7" Touch Screen 	5" Touch Screen 	LCD 	LED light 
Wireless System for controlling the chair movements				-
Maximum number of Instruments (dynamic instruments are either Micromotor or Turbine)	4 (3 of them can be dynamic instruments)	4 (3 of them can be dynamic instruments)	4 (3 of them can be dynamic instruments)	4 (3 of them can be dynamic instruments)

	DENEK	LUNAR	ATLAS	QUASAR
Worktop in Corian BTS	X	X	X	-
Possibility to choose drawers configuration 	X	X	X	-
Intermittent or continuous Spray function → Available in SMD operating unit only 	X	X	X	-
ROTATION DIRECTION PUSH-BUTTONS  	X	X	X	X
OPTICAL FIBRES SWITCH ON/OFF PUSH-BUTTONS 	X	X	X	-

Instruments at work ...



MICROMOTORS

indicated for all abrasion treatments on nails laminas and skin thickness

Application for Electric micro motor BIEN AIR MX-2 Brush-less, 40Krpm, with Optical Fibres LED Technology, integrated spray, hidrostop device, chip-blower (HAND PIECE NOT INCLUDED).



Application for Electric micro motor BIEN AIR MX- i Brush-less 40Krpm, self-ventilated (HAND PIECE NOT INCLUDED).



Application for Electric micro motor BIEN AIR MC40, 40Krpm, integrated spray, hidrostop device, chip-blower (HAND PIECE NOT INCLUDED).



Pneumatic micromotor Bien-Air Aquilon with Midwest coupling, integrated spray (HAND PIECE NOT INCLUDED).



HAND-PIECES

STERN PODIA Hand-piece QUARK, optical fibers with LED technology, integrated spray



Hand-piece Bien Air PM1:1 Micro Series with integrated spray



STERN PODIA Hand-piece QUARK, integrated spray



	Good
	Not suggested
	Not indicated

MICROMOTORS	Type	Spray	Thermic protection	Optical fibres	Torque at 20.000 rpm	Torque Compensation	Small Burrs (-5mm)			Big Burrs (+ 5mm)		
							Working time			Working time		
							2 h/d	2-4 h/d	+ 4 h/d	-2 h/d	2-4 h/d	+ 4 h/d
Bien Air MX-2	Brushless	YES	YES I	YES	3,5 Ncm	YES						
Bien Air MX-i Self-ventilated	Brushless	-	YES	-	5 Ncm	YES						
Bien Air MC40	With Brushes	YES	-	-	2,3 Ncm	-						
Bien Air Aquilon	Pneumatic	YES	-	-	2,5 Ncm	-						

HANDPIECES	Bien Air MX2	Bien Air MX-i	Bien Air MC40	Bien Air Aquilon
Bien Air PM 1:1 Micro Series				
Stern Podia Quark LED technology				
Stern Podia Quark				

“Straight” 3-way syringe with air, water, and spray



Integrated suction duct with stop device for spring tension arm and coaxial nozzle to be applied to the micro motor. Suction effect prolonged and timer-controlled. - indicated to work with dry or mixed technique, suitable for all micromotors in the Price List



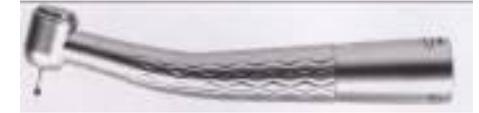
TURBINE

indicated for all abrasion treatments on nails corners and skin thickness.

Arrangement for turbine with Midwest coupling, optical fibres lightening system, spray, chip-blower, hidrostop device (hand piece not included).

Arrangement necessary for the functioning of the turbine

Turbine TKD MIKRA R model, Midwest connection for rounded adaptor



Rounded Adaptor Midwest connection



Turbine TKD BRAVIA LB model, with LED light, Midwest connection for rounded adaptor



Rounded Adaptor Midwest connection



ASPI-COMP Suction motor

The suction motor is housed in a proper sound-proof steel cabinet, with silencer, switch and protection fuses.

Suction filter included
Sucked air: 60 m³/h.



ASPI-COMP Suction motor with suction arm



ASPI-COMP integrated in the operating unit

(not available for Quasar and Exagono models)



Operating units and group accessories

Genesis 24 air compressor

Oil-less 2-cylinders motor with soundproofing case membrane dryer, air-condensation filter 0,01micron

- Power 1,1KW
- Air delivery 120 l/min
- Tank 24 liter
- Noise 50 dB(A)
- Dimensions 530x500x800
- Weight 67 Kg



Arm for operating lights

Available in three different heights:

- 530 mm
- 340 mm
- 220 mm



SUNLED led lamp

7 led x 3 Watts (used 70%)

Color temperature 6.300° K

Power supply 24 Volts

15 watts total

Double articulated and compensated arm



Operating units and group accessories



**Tray for
instrument
holder**

Inserts for drawers



Additional chest of drawer

Operating units and group accessories



Operating units and group accessories



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