



S.M.D. Srl  
Via Bruno Buozzi, 41 40057 CADRIANO-GRANAROLO DELL'EMILIA (BO)  
tel. +39 051766143 fax +39 051 766043 www.smdmed.com

STERN PODIA 

P.IVA IT 02195391202 C.F./Reg.Imprese BO 02195391202 REA n.419949 Capitale sociale euro 50.000 i.v.



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.*

Atlas is available in lefthanded configuration without any extra charge

**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**. High resistance stainless steel fasteners.

## Worktop in Corian BTS

Instruments with **suspended hoses**.

Instrument holder comprising the devices, the functions and the controls of electric, pneumatic and hydraulic circuits.

Pressurized container of spray water. Air filter with automatic drain of condensation.

**Control panel with push buttons** to: select the maximum speed of micro motor and turbine; enable the operation of the spray; for the sequential and timer-controlled function of the spray, enable the optical fibers; invert the rotational direction of micro motor (with acoustic signal) and activate a further inlet.

**LCD display** for the visualization of: activation of the dynamic instrument; maximum selected speed, working speed of the micromotor and percentage of power air used for the turbine.

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

**Wireless control of the combined Stern-Podia chair movements.**

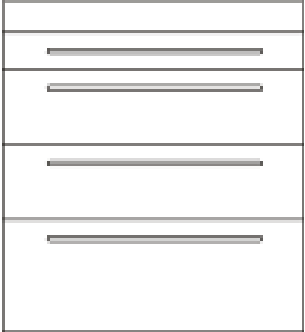
Air intake: 5bar, 50 l/min.

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

Weight: 80 kg

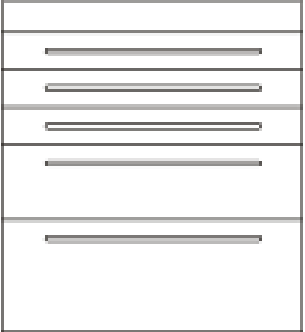


CHEST DRAWERS' CONFIGURATION FOR ATLAS UNIT



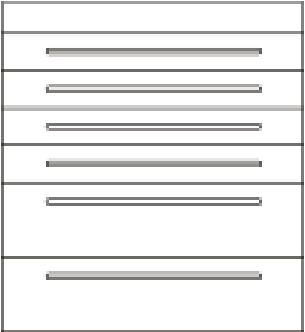
Code 3913130

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



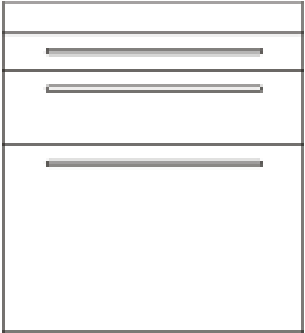
Code 3913140

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



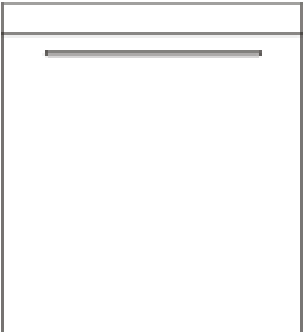
Code 3913150

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







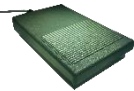

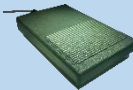

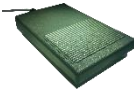
ABS-PMMA casings

Structure made of steel  
treated against oxidation

Wheels to guarantee  
easy movements

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



DENEb	LUNAR	ATLAS	QUASAR
<p><b>Deneb:</b> just a few movements to change from left-handed to right-handed users and vice versa</p> 			
The pedal is included in the price of the unit	<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>	The pedal is included in the price of the unit
 <p><b>SL Pedal</b></p>	<div>  <p><b>SL Pedal</b></p> </div> <div>  <p><b>ON/OFF Pedal</b></p> </div>	<div>  <p><b>SL Pedal</b></p> </div> <div>  <p><b>ON/OFF Pedal</b></p> </div>	<div>  <p><b>AS Quasar: AS Pedal</b></p> </div> <div>  <p><b>A Quasar: ON/OFF Pedal</b></p> </div>

## 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



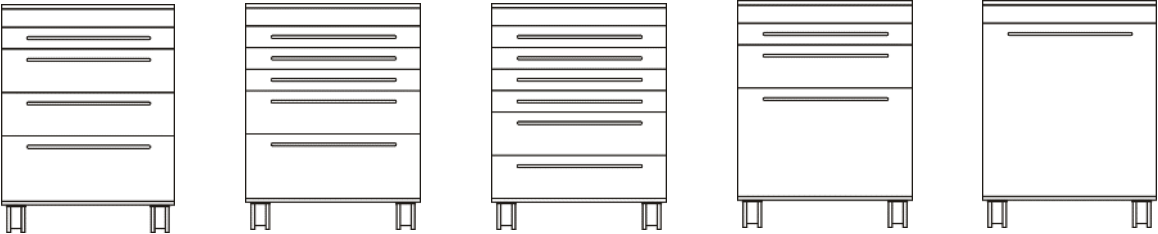



## SMD ADDITIONAL SECURITY SYSTEMS:

- **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		B / F	B / F	F	F
<b>B: spring tension instruments</b> 	<b>F: hanging hoses instruments</b> 				
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)		<b>4</b> (3 of them can be <b>dynamic</b> instruments)	<b>4</b> (3 of them can be <b>dynamic</b> instruments)	<b>4</b> (3 of them can be <b>dynamic</b> instruments)	<b>4</b> (3 of them can be <b>dynamic</b> instruments)






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

























# Instruments at work ...





<div>MICROMOTORS</div> <div>indicated for all abrasion treatments on nails laminas and skin thickness</div>	
Application for Electric micro motor BIEN AIR MX-2 <u>Brush-less</u> , 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 <u>Brush-less</u> 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).	
<div>HAND-PIECES</div>	
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
<b>Bien Air MX-2</b>	Brushless	YES	YES I	YES	3,5 Ncm	YES						
<b>Bien Air MX-i</b> Self-ventilated	Brushless	-	YES	-	5 Ncm	YES						
<b>Bien Air MC40</b>	With Brushes	YES	-	-	2,3 Ncm	-						
<b>Bien Air Aquilon</b>	Pneumatic	YES	-	-	2,5 Ncm	-						

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





"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





<div>TURBINE</div> <div>indicated for all abrasion treatments on nails corners and skin thickness.</div>	
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 m<sup>3</sup>/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**

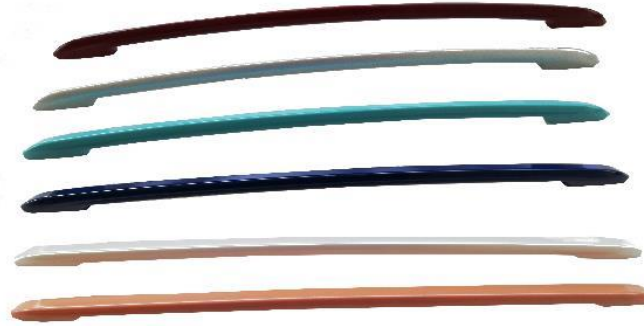


**Additional chest of drawer**

# Operating units and group accessories



**Articulated  
arm  
Monitor**



**Unit color kit**

**SUN LED lamp color kit**



Operating units and group accessories



STERN PODIA 



**S.M.D. Srl**

Via Bruno Buozzi, 41 40057 CADRIANO-GRANAROLO DELL'EMILIA (BO)  
tel. +39 051766143 fax +39 051 766043 [www.smdmed.com](http://www.smdmed.com)

STERN PODIA 

P.IVA IT 02195391202 C.F./Reg.Imprese BO 02195391202 REA n.419949 Capitale sociale euro 50.000 i.v.