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# WESSELING BV

Quality since 1958

## PRAXIS 4 ELITE

USER'S MANUAL AND MAINTENANCE GUIDE



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## 1. GENERAL INFORMATION

### MANUFACTURER

Wesseling BV, Venenweg 31, 1161 AK Zwanenburg, Netherlands-Tel.+31 204975183-Fax+31 204975909 – website:www.wesseling-bv.com

### EQUIPMENT INTENDED USE AND DESCRIPTION

The Praxis Elite tables are intended for examining and treating patients. With the additional options this table can be used for treatment and examination. The entire frame is epoxy powder coated and the top is upholstered and covered in fireproof synthetic leather. It's equipped with a high quality actuator for height adjustment. Head section as well as back section can be inclined with the help of gas springs. The gas springs are all adjusted by handles that are easy to access on the side of the table or on the head section. The brakes and lock are centrally controlled by means of a foot pedal that is easy to activate.




### STORAGE

When storing, the following conditions must be met:




1. Relative humidity 10% / 90 % - temperature -10°C / +50°C

### SYMBOLS

The various symbols appearing in this manual and on the equipment itself are meant to draw the user's attention on important safety warnings and useful information. Please observe all warning, caution and hazard notices.

	<b>WARNING</b> Warning messages are used to advise users/patients about any risk of injury or danger if the specified procedures and conditions are not carefully observed during operation or maintenance activities.
	<b>ELECTRIC SHOCK HAZARD</b> This warning symbol identifies operating/maintenance instructions or procedures which, if not observed, could result in a risk of electric shock
	<b>CAUTION</b> Caution symbols are used to advise users about an operation or maintenance procedure, best practice or condition that may damage the equipment if not duly complied with.

## 2. SPECIAL WARNINGS AND USE RESTRICTIONS

	<p><b>Equipment must not be used:</b></p> <ul style="list-style-type: none"> <li>• Without knowing the user's manual.</li> <li>• When the safety load exceeds the stated capacity.</li> <li>• Without the patient being monitored.</li> <li>• When the patient and/or equipment is not stable enough.</li> <li>• When table is not on its feet when stopped, during treatment, or when patient is moved to/from other equipment.</li> <li>• When the original product has been tampered with and/or modified from its original configuration.</li> <li>• When the controls and/or components are even only partially faulty or defective.</li> <li>• When incorrectly configured or when you think it may cause damage to a patient or user.</li> <li>• Do not allow any body parts to enter the areas with moving components and/or controls.</li> </ul>
	<ul style="list-style-type: none"> <li>• Do not connect to an electric system that does not comply with the current safety regulations.</li> <li>• Never spill liquid of any kind on the electric equipment.</li> <li>• Always unplug the mains power supply before working on any electrical parts or to move the equipment.</li> <li>• Do not damage the electric cables: avoid crushing; do not pull out the cable to disconnect, etc.</li> <li>• Electric cables should be checked regularly to see if they are damaged. In case of doubt, have them replaced.</li> </ul>
	<ul style="list-style-type: none"> <li>• Foam rubber and plastic components may burn if they come in contact with naked flames.</li> <li>• Corrosive and/or abrasive detergents may damage the covers and paintwork.</li> <li>• The equipment is not suitable for use outdoors and/or in surfaces that are not smooth enough.</li> <li>• UV and heat therapy lamps may damage the upholstery covering.</li> </ul>
<p>!!!!!!!!!!!! NEVER LEAVE THE TABLE UNATTENDED WHEN THERE IS A PATIENT ON IT !!!!!!!!!!!!!</p>	





## 3. USE

### STARTING UP

For packaging reasons the couch is supplied covered by protective means that are to be removed, avoiding direct contact with cutters that could damage it. Any damage in transit must be reported to the transporter and seller immediately, without using the equipment for safety reasons.

### SETTING UP AND ADJUSTMENTS

The table has an electric actuators for the height adjustment. The head section and the back section are both fitted with gas springs.

ADJUSTMENT/FUNCTION	CONTROL	PROCEDURE
		Table is standard equipped with a 24v foot switch or hand switch.
		Push the relevant symbol to adjust the height of the entire table.



A hydraulic table is equipped with a hydraulic pump with foot pedals on both sides of the table.

The height adjustment by means of the pedals:

Up:

- Push down the pedals with your foot by pressing the designated footpath. Repeat until the desired height is reached.

Down:

- Push up the pedals with your foot by pushing the designated footpath. Keep pushing until the desired height is reached.



To adjust the head section pull the control handle, and support the section as it moves. Release the handle to secure the position. The control handles are on both sides of the table.

**WARNING**



- With the patient's weight on the section, activate the control handle only when you are sure that the entire load is supported.
- Movement of the adjustable sections may cause pinching in the vicinity of the hinges.



To adjust the back section pull the control handle, and support the section as it moves. Release the handle to secure the position.

**WARNING**

- With the patient's weight on the section, activate the control handle only when you are sure that the entire load is supported.
- Movement of the adjustable sections may cause pinching in the vicinity of the hinges.

		<p>To adjust the leg section pull the control handle, and support the section as it moves. Release the handle to secure the position. The control handles are on both sides of the table.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>WARNING</b> </div> <ul style="list-style-type: none"> <li>• With the patient's weight on the section, activate the control handle only when you are sure that the entire load is supported.</li> <li>• Movement of the adjustable sections may cause pinching in the vicinity of the hinges.</li> <li>• Do not sit on the leg section</li> </ul>
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**TRANSPORTATION AND BRAKES**

The table has four swivel wheels to allow movements in tight spaces. At the back-side of the table is the stirrup bar of the wheel-lift system. By pushing this stirrup bar downwards the table becomes mobile. Lift the stirrup bar upwards again after reaching the required position so the castors will be retracted. Never use the table if the castors are not fully retracted! The 4 feet can be adjusted individually when the floor is not even.

MOVING THE TABLE	PUT THE TABLE ON ITS FEET	PROCEDURE
		<ul style="list-style-type: none"> <li>• To move the table use the foot to push down the bar till it stops.</li> <li>• To put the table on its feet use the foot to push up the bar until all the feet are on the floor.</li> </ul>

**WARNING**

- Putting the table on its feet is essential when transferring and treating the patient.

**4. USE AND SETTING UP OPTIONS**

With the use of the optional accessories this table can be used for multiple treatments.

<p><b>PAPRAX: Paper roll holder Praxis</b></p> 		<p>The paper holder is always mounted on the head-section of the Praxis. The maximum roll width that fits into holder 60cm.</p> <p>Placing a roll of paper:</p> <ul style="list-style-type: none"> <li>• Turn the knob and pull the rod out of the holder.</li> <li>• Place the paper roll in the holder and push through the rod.</li> <li>• Tighten the knob to hold the rod in place.</li> </ul>
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**ADAPT00: Adapters**



The adapters are supplied per set and assembled for delivery to the table. The adapters are rotatable and can be positioned in every desired position. The height of the support in use can be adjusted as follows:

- Turn the black knob and fit the support to the desired height.
- Then tighten the knob again to maintain this height.

**WARNING**

- With the weight of the patient on the support, loosen the knob only if you are sure that the whole weight is supported.

**VOET001: Set foot supports**



The foot supports are supplied per set and will be delivered with the table. The supports can be turned inside and outside. In combination with the rotatable adapters they can be positioned in every desired position. The height of this support can be adjusted as follows:

- Turn the black knob and fit the support to the desired height.
- Then tighten the knob again to maintain this height.

**WARNING**

- With the weight of the patient on the support, loosen the knob only if you are sure that the whole weight is supported.

**HAKST00: Set stir-ups**



The stir-ups are supplied per set and will be delivered with the table. In combination with the rotatable adapters they can be positioned in every desired position. The height of this support can be adjusted as follows:

- Turn the black knob and fit the support to the desired height.
- Then tighten the knob again to maintain this height.

**WARNING**

- With the weight of the patient on the support, loosen the knob only if you are sure that the whole weight is supported.

**BEENS01: Set leg-/knee supports**



The leg-/knee supports are supplied per set and will be delivered with the table. Due to the bend in the chromed bar this support is adjustable in width, depth and height. In combination with the rotatable adapters they can be positioned in every desired position. The height of this support can be adjusted as follows:

- Turn the black knob and fit the support to the desired height.
- Then tighten the knob again to maintain this height.

**WARNING**

- With the weight of the patient on the support, loosen the knob only if you are sure that the whole weight is supported.

**ARMST00: Armsteun PU**



The arm support is supplied per piece and will be delivered with the table. Due to the bend in the chromed bar this support is adjustable in width, depth and height. In combination with the rotatable adapters it can be positioned in every desired position. The height of this support can be adjusted as follows:

- Turn the black knob and fit the support to the desired height.
- Then tighten the knob again to maintain this height.



- With the weight of the patient on the support, loosen the knob only if you are sure that the whole weight is supported.

**RONDOM7: Barswitch-system Praxis**



By choosing to barswitch-system the standard switch will not be on the table. By pushing the bars which are located on both sides of the table, you can adjust the height of the table.

Adjusting the height:

- Push down one of the bars to let the table go down. Stop pushing when you have reached the desired height.
- Push up one of the bars to let the table go up. Stop pushing when you have reached the desired height.

**HSCH006+TSTUK00:  
Extra handswitch**



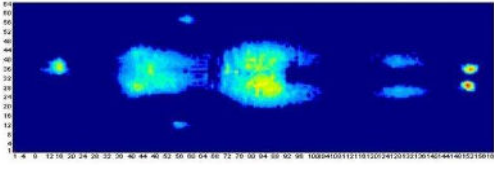




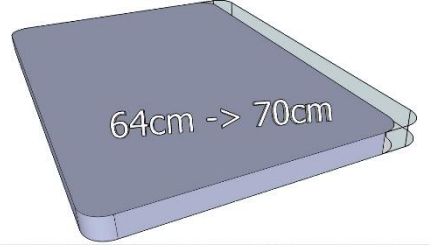




Standard the table is mounted with one switch of choice. We can equip the table with multiple switches. If you choose for an extra hand switch, you also need a link to connect two switches on the motor. If this option is chosen, the link (Y-cable) and the extra switch will be assembled on the table before delivery.

**VSCH005+TSTUK00:  
Extra footswitch**




Standard the table is mounted with one switch of choice. We can equip the table with multiple switches. If you choose for an extra foot switch, you also need a link to connect two switches on the motor. If this option is chosen, the link (Y-cable) and the extra switch will be assembled on the table before delivery.

<p><b>NEUS002: Breathing-hole in head-section</b></p> 		<p>Each Praxis can be mounted with a head-section with cut-out. When choosing this option there will be a plug in the color of the table to fill the cut-out.</p>
<p><b>LAZYFOAM: memory foam</b></p> 		<p>The standard parts are filled with polyether and are about 55mm thick. When the optional Lazy Foam is chosen the total thickness is 70mm. The upholstered sections will not only be thicker but also softer and therefore more comfortable for patients who need to be longer on the table.</p>
<p><b>MASK003: Neckcushion with velcro strap</b></p> 		<p>This neck pillow ensures that the patient can sit/lie comfortably. The cushion has an elastic strap on the rear with Velcro closure. This is to position the cushion at almost every place. The cushion has a size of 58x18x9cm. The cover on the back is also equipped with a zipper and thus removable.</p>
<p><b>BREEDTE00: Different width 70cm</b></p> 		<p>The standard width of a Praxis Elite is 64cm. If this is not wide enough, the table can be optionally expands to 70cm. The length of the table will therefore not change.</p>

<p><b>MOTSL95: Extra strong actuator with max. 12.000N</b></p> 	<p><b>MOTSL95: Extra fast actuator max. 14 mm/s</b></p> 	<p>The table is standard equipped with an actuator with a force of 8.000N at a rate of 7.5 mm / s. We can adjust, by means of the placement of a different actuator, the speed and / or the force. The choices are as followed</p> <p>8.000N = 14 mm/s          10.000N = 10 mm/s          12.000N = 8 mm/s</p>
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**5. CLEANING and CONSERVATION**

For durable joy with the leather material, please clean regularly. For cleaning use a cloth or soft brush dampened using water and a neutral detergent. Any stains on the upholstery should be promptly removed with colourless ethyl alcohol diluted in 20% water. Rinse well.


**WARNING**


- ENSURE THE COUCH IS PERFECTLY CLEAN BY DISINFECTING THE SYNTHETIC LEATHER AND APPLYING A SINGLE-USE PAPER SHEET AT EVERY USE.
- HARSH DETERGENT PRODUCTS MAY DAMAGE THE SURFACES.
- DO NOT USE STEAM JETS, WASHING TUNNELS, WATER JET CLEANERS OR HIGH PRESSURE WASHERS

**6. MAINTENANCE**

Maintenance operations must be carried out by technicians who are familiar with the contents of this instruction booklet. Check the equipment is safe after any instances of "rough handling" (e.g. fall, bumps, etc.) and any time you are in doubt about safety.



**ROUTINE MAINTENANCE**

Routine maintenance operations must be carried out with the frequency indicated in the table.

FREQUENCY	ACTIVITY
Every 6 months or at least once a year	General equipment cleaning.
	Visual and functional inspection of the equipment and related hydraulic and manual controls.
	Frame and mechanical parts: Check screws and bolts are tight; state of wear of bushings and pins, presence of tears and deformations or damages.
	Oil leaks from the piston and/or gas springs must only be in the form of minor lubrication residue.
	Check that the adjustable sections are stable and do not give way when the control lever is released.
	Brake control: check regular functioning of the activating device and the efficiency of the brakes.
	Wheels: these must be securely fixed and in good condition, rolling smoothly and with their treads free of impediments.
During use and operation, make sure there are no unusual sounds, vibrations or oscillations that may indicate actuator and/or mechanism malfunctions.	
At the end of the activities above, complete the inspection performing a lift cycle with the stated maximum safe load.	

**NON-ROUTINE MAINTENANCE**

For safety reasons and to avoid invalidating the guarantee, no component may be opened or handled for repair. Any faults on the hydraulic piston, the gas springs and the wheel system must be diagnosed by Wesseling BV, who will organize the most suitable action.


**WARNING**


- IF SAFETY SEEMS TO BE AT RISK, DISABLE THE EQUIPMENT IMMEDIATELY PREVENTING ANY POSSIBILITY OF USE UNTIL SUCH RISK HAS BEEN REMOVED.
- PLEASE RECORD ANY DEFECTS/DAMAGES/SERVICES THAT ARE IMPORTANT FOR THE SAFETY OF THE EQUIPMENT IN THE APPROPRIATE FORM HEREWITH ENCLOSED.

**SPARE PARTS**

Only use original spare parts from Wesseling. Please contact Wesseling BV for the parts you might need.

## 7. TROUBLESHOOTING

DIRECT E-MAIL FOR TECHNICAL OR USERS ASSISTANCE:

[info@wesseling-bv.com](mailto:info@wesseling-bv.com)

If you rather want to speak to one of us on the phone you can call: +31-20 497 5183

**Please note:**

- Before contacting for service or help, please identify the "SERIAL NUMBER" in the product label attached to the equipment (see example above), or the transport document/invoice number. This will speed things up and improve service quality.

The equipment was tested in very stringent conditions. During testing no specific breakages or faults occurred. If the equipment fails to operate, please follow the troubleshooting process below.

Issue	Cause	Solution
Adjustment of the head-/back section doesn't work or the position is not maintained	Gas spring faulty or incorrectly set	Contact Wesseling BV
	Transmission cable damaged or broken	
One of the actuators does not work	The attached switch is broken or not connected properly	Contact Wesseling BV
	Power cable is damaged or not connected properly	
	Actuator is damaged or not connected properly	

## 8. TECHNICAL DATA SHEET

<b>Product Name</b>	Praxis 4 Elite Electric, with or without wheels	Praxis 4 Elite hydraulic, with or without wheels
<b>Product Code</b>	PRAX4EMWE / PRAX4EZWE	PRAX4EMWH / PRAX4EZWH
<b>Safe working load</b>	250kg	250kg
<b>Max patient weight</b>	225kg	225kg
<b>Height adjustment</b>	42cm to 112cm with a speed of 7,5mm/s - 8.000N, 470W, 2.0Ah, stroke 300mm	48 tot 98cm, , hydraulic pump, 10.000N, stroke 200mm
<b>Adjustment system</b>	German electric actuators	Dutch hydraulic pump
<b>Adjusting electrics</b>	24v foot- or hand switch	Pedals on both sides of the table
<b>Sections adjusted by gas spring</b>	3	3
<b>Head section</b>	0° to +80°	0° to +80°
<b>Back section</b>	0° to +85°	0° to +80°
<b>Leg section</b>	+35 to -90°	+35 to -90°
<b>Adjusting gas springs</b>	By levers that are on both sides of the table	By levers that are on both sides of the table
<b>Wheels</b>	Ø75mm	Ø75mm
<b>Braking system</b>	Centralized control on the back of the table	Centralized control on the back of the table
<b>Equipment weight</b>	± 85kg	± 85kg
<b>Length</b>	200cm	200cm
<b>Width</b>	64cm or 70cm (optional)	64cm or 70cm (optional)
<b>Upholstery thickness</b>	± 55mm	± 55mm
<b>Filling</b>	Polyether SG 90/30	Polyether SG 90/30
<b>Semi Leather</b>	Standard artificial leather, Original SKAI® or STAMSKIN	Standard artificial leather, Original SKAI® or STAMSKIN

