

Spaceline EMCIA

Ergonomically efficient



Thinking ahead. Focused on life.

The relaxed form of efficient treatment

With its ergonomic-functional treatment unit Spaceline EMCIA, the company Morita provides you with more freedom of movement when treating your patients. The user-oriented concept promotes a healthy physiological posture and supports your natural movement processes in each treatment situation. Spaceline EMCIA unites comfort and functionality – for an efficient and relaxed working environment.



Spaceline EMCIA for orthodontists



Spaceline EMCIA SMT



Spaceline EMCIA PdW

Back-friendly movements during each treatment phase

Around 90 % of all dentists have suffered at least once from work-related neck and back pain. In nearly 70 % of these cases, the symptoms occur within one week – and in 50 % of the cases after just four hours of treatment.¹ The Spaceline EMCIA treatment unit reduces physical strain on your body to a minimum. Designed in accordance with the ergonomic treatment concept of Dr. Daryl Beach, this workplace enables you to work in a relaxed state and from an upright sitting posture at treatment positions between 10:00 and 12:30 o'clock.



1) William H. M. Castro, Victor P. Meyer, Wolfgang Micheelis (2002): Nacken- und Rückenschmerzen und was sie für den Zahnarzt bedeuten ("Neck and Back Pain and its Significance for a Dentist"); URL: http://www.zm-online.de/hefte/Nacken-und-Rueckenschmerzen-und-was-sie-fuer-den-Zahnarzt-bedeuten_21772.html; as at: December 12, 2012



Stable and comfortable sitting posture

Spaceline EMCIA enables you to work from an upright and stable sitting posture. You sit behind your patient starting from a 12:00 o'clock position. Your upper arms and elbows hang relaxed and your fingertips are positioned at an ideal viewing distance. This back-friendly posture promotes your concentration and working precision during each phase of treatment.



Easy access to all instruments

With Spaceline EMCIA, you have all main operating functions and instruments within easy reach. The location of the instruments in both the backrest as well as the dentist's and assistant's element is perfectly arranged for optimum access at all times – without any inconvenient need for twisting your spine or readjusting your position.



Integrated treatment instruments

Integration of the instruments into the backrest of the patient's chair ensures fast and intuitive access from both the dentist's and the assistant's side. The unique tray concept also keeps the instruments out of the patient's field of vision and in this way contributes to a friendly and relaxed atmosphere.

Optimum treatment processes in smallest spaces

Spaceline EMCIA promises maximum freedom of movement in the smallest of spaces. The well-conceived concept focuses on movements within the treatment environment and guarantees optimum working conditions. The space-saving concept of Spaceline EMCIA opens up numerous possibilities of room design for you: You can use small practice rooms or position several treatment units within the available space using your own interior design to create adequate privacy for your patients.





Optimum utilization of space

All Spaceline EMCIA equipment takes into account movements by practitioners as well as the distances covered by the practice team. As a result, the dentist can use the cabinet washbasin easily during treatment and assistants can switch between intra- and extra-oral activities without any problem.



More storage space

Spaceline EMCIA offers you flexible storage spaces so that you are able to configure your treatment environment according to your needs. Depending on your requirements, you can choose between integrated instruments in the backrest of the patient's chair, a shoulder-mounted tray or a floor-mounted dentist's element. A ceiling-mounted, free-pivoting additional tray provides further storage possibilities.



Better vision

High-powered LEDs provide a large scale and evenly illuminated treatment area. The sensor-controlled OP light creates pleasant lighting conditions in any environment. In addition, the foldaway mirror can help you explain dental conditions to your patients.

Everything for a relaxed patient

Spaceline EMCIA uses state-of-the-art technology and functional design to help you meet your patients' demands when it comes to comfort and safety.



Easy to get on and off

The automatic foldaway foot section makes it easy for patients to get on and off the chair without obstruction. This is of particular benefit to smaller patients and those with limited mobility.



Easy positioning

With the hydraulic lift drive, you can move the patient's chair easily into the required position without any noticeable start and stop movements. An additional benefit is the slow-speed mode of the patient's

chair which allows millimetre-precise focusing on the treatment area. This is particularly comfortable if you are working with a microscope.

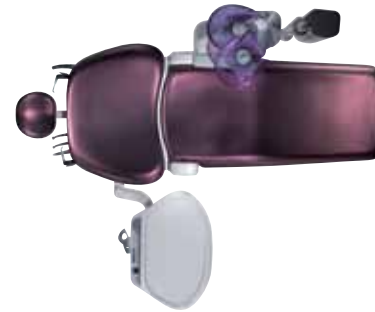


Safe and comfortable lying surface

The comfortable upholstery of the lying surface adjusts perfectly to the contour of your patient's body. It reduces tension and fatigue for your patients to a minimum – even in the case of long periods of treatment.

Model options and specifications

The individual Spaceline EMCIA models at a glance.



	Spaceline EMCIA for orthodontists	Spaceline EMCIA SMT	Spaceline EMCIA PdW
Backrest-integrated instruments dentist's side	•	•	–
Backrest-integrated instruments assistant's side or flexible pivoting assistant's element	•	•	•
Shoulder-mounted tray	–	•	–
Floor-mounted version of the dentist's element (PdW tray)	–	–	•
Optional automatic foldaway foot section of patient's chair	•	•	•
Optional ceiling-mounted additional tray	•	•	•

Features

- Oil hydraulics
- Patient's chair with or without automatic foldaway foot section
- Standard headrest or multi-jointed headrest
- Armrest dentist's side¹
- Armrest assistant's side
- Silicon tray mat
- Assistant's element with operator panel and tray
- Assistant's tray on water element
- Quick connections for fresh water, compressed air and water return (hydrocolloid)
- USB connection on dentist's element²
- Mouse tray²
- LED operation light with sensor and retract mirror
- Tray for patient implements
- Monitor on light pole
- Additional tray
- Sterapore microfilter system for fresh water and compressed air system
- Rinsing system according to RKI for instrument hoses
- Cleaning system for pneumatically operated instruments
- Integrated disinfection system for instrument hoses
- Permanent fresh water conditioning
- Glass cuspidor in a choice of colors
- Automatic cup filler with optical sensor
- Choice of upholstery colors

1 Optional for version with automatic foldaway foot section

2 Optional for Spaceline EMCIA PdW

Instruments, dentist's side, orthodontist's version / SMT version

- Multi-functional syringe, optional with LED light
- Up to 2 micromotor connections including motor with LED light
- Up to 2 pneumatically driven instruments with halogen or LED light

Instruments, dentist's side PdW version

- Multi-functional syringe, optional with LED light
- Up to 2 micromotor connections including motor with LED light
- Up to 2 pneumatically driven instruments with halogen or LED light
- LED curing light²
- Ultrasonic scaler with LED light

Instruments, assistant's side

- Multi-functional syringe, optional with LED light
- Suction tube (spray mist ejector)
- Saliva ejector



Flexible assistant's element
with 3 instruments and
operator panel



Multi-jointed headrest



Ceiling-mounted
additional tray



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