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MORITA

Spaceline EMCIA

Ergonomically efficient.



Thinking ahead. Focused on life.

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The relaxed form of efficient treatment. For more than 50 years.

With its ergonomic functional treatment unit Spaceline EMCIA, the company Morita provides you with more freedom of movement when treating your patients. The first Spaceline model, marketed in 1963, already supported physiological work posture and natural movement during all treatment situations. We have adhered to this concept up to today because we believe that products have to be optimally designed for the specific work routine.





1963
Spaceline Standard
Morita launches a completely new treatment unit. For the first time, dentists can remain seated in the so-called "12 o'clock position" and patients can recline during treatment.

1972
Spaceline HPO
Spaceline HPO introduces the option of adjusting the unit to individual positions and movements of the body.

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1978
Spaceline Elegance
The height of the patient chair and the backrest's grade of Spaceline Elegance can be adjusted electronically. The S version feature has an electronic memory function for automatic treatment chair programs.

1992
Spaceline 630
Spaceline 630 has a vacuum tank cleaning system that facilitates maintenance and ensures state-of-the-art infection control.

2008
Spaceline Feel 21 Type N
Users in all markets outside the EU were very impressed by the Feel 21 model. The unit offers unprecedented user friendliness because it focuses on essential aspects, and since the backrest can be adjusted, cuspidor, tubing and wiring are no longer needed. The design of the patient chair returns to the original concept: a human-centered design that ensures balanced posture.

2013
Spaceline EMCIA III UP
The current Spaceline model unites state-of-the-art functions with elegant design. It is based on many years of technical know-how gained by Morita and the feedback provided by dentists. LED OP lights, turbines as well as handpieces and contra-angles with small instrument heads, light micro-motors and a foldaway footrest (optional) as well as an effective cleaning system for water tubes, perfect this model.

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The perfect model for every application.

Today's patients place great store on good dental treatment. In their endeavor to gain the perfect smile, they look for high-quality treatments in a relaxed and appealing atmosphere. With Spaceline EMCIA you can meet the expectations – more freedom of movement, efficiency and comfort. You can choose from various models, depending on your preference or requirements: without tray – but with integrated instruments, with back-rest-mounted tray and integrated instruments or with the classic dentist's element.

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Spaceline EMCIA KFO



Spaceline EMCIA SMT



Spaceline EMCIA PdW

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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

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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 treatmen



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.

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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.



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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 treament 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.

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Modern orthodontics for outstanding results.

Whenever malpositioned teeth or jaws need to be prevented or corrected, orthodontists are confronted with very high expectations – amongst others the expectations of patients regarding a trustful atmosphere and transparent treatment. You will gain tangible benefits from the Spaceline EMCIA KFO treatment unit for orthodontics as regards the treatment routine and patient safety.



Unlimited freedom of movement and minimum space requirements
The EMCIA model, designed specifically for orthodontic practices, does not have a tray; thus, it needs less space. It is possible to set up several units in one treatment room or one unit in a small room if more privacy is desired. This may be important because more and more adults are choosing orthodontic treatment today. Since there is no tubing, the dentist can move freely "behind" the patient, which gives him more treatment space.



Maximum flexibility for putting down your instruments
The flexible, ceiling-mounted FreeAction Tray creates more freedom of movement and is the only instrument table of Spaceline EMCIA KFO. An additional tray can be adjusted to suit the dentist's movement flow – even the height can be adjusted manually as needed.

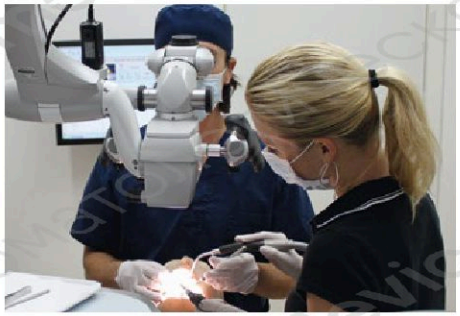


Exact positioning for CMD screening
Screening for craniomandibular dysfunction (CMD) is becoming more and more common in orthodontics. To obtain good results with its functional diagnostic method, which ranges from the face-bow to anatomic bite impressions, it is fundamental that the patient's feet are solidly on the floor. Spaceline EMCIA has a foldaway footrest that allows the orthodontist to place his patient in an optimal position on the chair in order to obtain a precise measurment of the jaw.

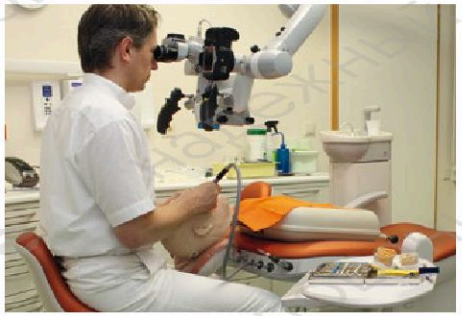
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Microscope supported endodontics for preserving teeth successfully.

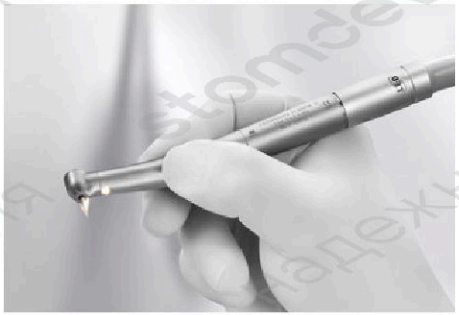
An integrated microscope offers innumerable benefits during endodontic treatments because it helps seeing even very small structures. Thus, measures can be taken, which wouldn't be possible without the up to 25-fold magnification provided by the microscope. A microscope can be integrated perfectly in your work routine with the Spaceline EMCIA treatment unit.



Intuitive reaching
An intuitive arrangement of the instruments in the backrest and tube retraction will prove particularly helpful when using a microscope. It lets you concentrate completely on the microscope, without being distracted by taking and replacing the instruments. Moreover, since your assistant can easily reach the instruments too, 4-hand treatments are no problem.



Optimal integration of a microscope
Root canal treatments call for absolute accuracy if long-term treatment success is to be ensured. EMCIA KFO is perfectly suited for integrating a wall, ceiling or "standing" microscope and, hence, for complex treatments that require utmost precision. With the push of a button, the Slow-Mode-Speed can be activated to move the chair to the exact position needed, for using the microscope during the treatment.



Innovative technology
Smallest instrument heads, ergonomically formed, perfect balance and low weight are characteristic features of the instruments of the Ultramini TwinPower turbines and TorqTech series handpieces and contra angles. This makes them particularly suitable for use with a microscope.

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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.

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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.

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Model options and specifications

The individual Spaceline EMCIA models at a glance.







	Spaceline EMCIA KFO	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	•	•	•

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Features
Oil hydraulics
Patient's chair with or without automatic foldaway foot section
Standard headrest or multi-jointed headrest
Armrest dentist's side[1]
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)
Mouse tray[2]
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
Anti-suck-back mechanism 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

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 light[2]
Ultrasonic scaler with LED light

Instruments, assistant's
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

1 Optional for version with automatic foldaway foot section
2 Optional for Spaceline EMCIA PdW

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Diagnostic and Imaging Equipment

Treatment Units

Handpieces and Instruments

Endodontic Systems

Laser Equipment

Laboratory Devices

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