

# smile

## classic



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Medical

STARÁ  
TURA

 Smile

# smile classic



Representing the Middle Class of Smile dental units.  
This unit meets the most demanding requirements of comfort for both dentist and patient.

- Control of the unit functions via the foil keyboard on the dentist table
- Regulation of the micromotor from 60 rpm
- Electronic "Giromatic" function of the micromotor
- Both light and acoustic warning for instrument treatment (lubrication)
- Setting the instrument power level via foil keyboard or proportionally by the foot control
- Chip Air activated by the foot control
- Automatic activation of Chip Air after completing work with the instrument
- Dentist table locked in the working position by manual brake
- Swivel porcelain spittoon bowl (towards the patient)
- Control of the chair is from two places: from the dentist table and from the foot control
- "Chair Services" are under the front cover of the patient chair
- Available in a large range of colours
- For attaching to SK1.01 or SK1.08 chair



- Dentist table with foil keyboard and the option of up to 5 instruments
- Integrated water non return valves
- Independent water control for all instruments

# smile

## FD



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 **smile**

Smile dental unit intended for dental and orthodontic treatment rooms.

This unit meets the most demanding requirements ergonomics for dentist work in lying position of the patient. Technical solution enables variety of modifications.

- Swivel motion of dentist and assistant table arms (left to right and back)
- Control of the unit functions via foil keyboard on dentist table
- Regulation of micromotor speed from 60 rpm
- Electronic "Giromatic" function of the micromotor
- Both light and acoustic warning for instrument treatment (lubrication)
- Setting the instrument power level via foil keyboard or proportionally by the foot control
- Chip Air activated by the foot control
- Automatic activation of Chip Air after completing work with the instrument
- Swivel porcelain spittoon bowl (towards the patient)
- Control of the chair is from three points: from the dentist table, from the assistant table and from the foot control
- "Chair Services" are under the front cover of the patient chair
- Available in a large range of colours
- For attaching to SK1.01 chair

- Assistant table with foil keyboard, big and small suction hoses and the option of an assistant syringe and curing light

- Dentist table with foil keyboard and the option of up to 5 instruments



# smile



## elegant Z

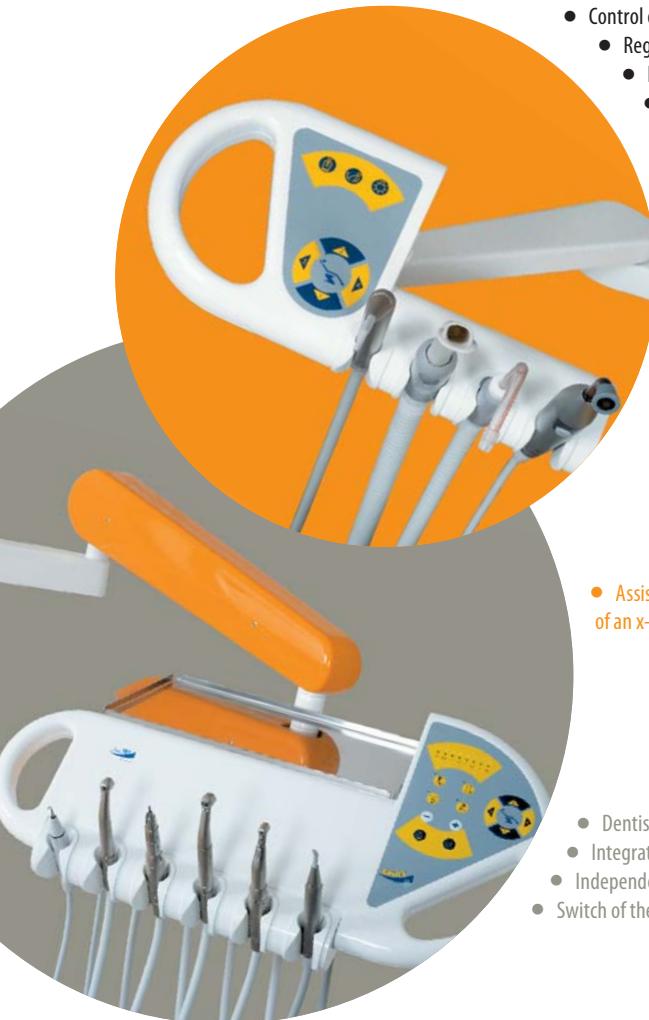


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Representing the Upper Class of Smile dental units.

This unit meets the most demanding requirements of comfort for both dentist and patient.



- Control of the unit functions via the foil keyboard on the dentist table
- Regulation of the micromotor from 60 rpm
- Electronic "Giromatic" function of the micromotor
- Both light and acoustic warning for instrument treatment (lubrication)
- Setting the instrument power level via foil keyboard or proportionally by the foot control
- Chip Air activated by the foot control
- Automatic activation of Chip Air after completing work with the instrument
- Dentist table locked in the working position by automatic brake
- Swivel porcelain spittoon bowl (towards the patient)
- Control of the chair is from three points: from the dentist table, from the assistant table and from the foot control
- "Chair Services" are under the front cover of the patient chair
- Available in a large range of colours
- For attaching to SK1.01 or SK1.08 chair

- Assistant table with foil keyboard and the option of an x-ray viewer, assistant syringe and curing light

- Dentist table with foil keyboard and the option of up to 6 instruments
- Integrated water non return valves
- Independent water control for all instruments
- Switch of the cooling via the foil keyboard and by the foot control



# smile

elegant



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smile

smile  
elegant

Representing the Top of the range Smile dental unit. This unit meets the most demanding requirements of comfort for both dentist and patient.

- Full control of the unit functions via foil keyboard on dentist table
- Independent settings for two dentists
- Regulation of micromotor speed from 60 rpm
- Electronic "Giromatic" function of the micromotor
- Both light and acoustic warning for instrument treatment (lubrication), checking the time remaining before lubrication is required
  - Setting the instrument power level via foil keyboard or proportionally by the foot control
    - Chip Air activated by the foot control
    - Automatic activation of Chip Air after completing work with the instrument
    - Dentist table locked in working position by automatic brake
    - Swivel porcelain spittoon bowl (towards the patient)
    - Setting the time for "Bowl Flush" and "Cup Fill", timing the automatic "Bowl Flush" after "Cup Fill"
    - Control of the chair is from three points: from the dentist table, from the assistant table and from the foot control
      - "Chair Services" are under the front cover of the patient chair
      - Available in a large range of colours
      - For attaching to SK1.01 or SK1.08 chair

- Assistant table with foil keyboard and the option of an x-ray viewer, assistant syringe and curing light

- Dentist table with foil keyboard and the option of up to 6 instruments
- Quick and easy change of instrument positions (instrument hoses are connected to the dentist table via interchangeable connector)
- Integrated water non return valves
- Independent control of water and air for each instrument via the foil keyboard
- Switch of the cooling through the foil keyboard or foot control is indicated on the display on the dentist table



#### NATIONAL DESIGN AWARD

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 Product design Ferdinand CHRENKA MED/2008/E/29



Chirana CE 0434

# smile charm



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Smile

Representing the Top of the range Smile dental unit. This unit meets the most demanding requirements of comfort for both dentist and patient.

- Full control of the unit functions via foil keyboard on dentist table
- Independent settings for two dentists
  - Regulation of micromotor speed from 60 rpm
  - Electronic "Giromatic" function of the micromotor
  - Both light and acoustic warning for instrument treatment (lubrication), checking the time remaining before lubrication is required
  - Setting the instrument power level via foil keyboard or proportionally by the foot control
  - Chip Air activated by the foot control
  - Automatic activation of Chip Air after completing work with the instrument
  - Detachable, upper delivery system (whip), fully flexible without any backward tension
  - Dentist table locked in working position by automatic brake
  - Swivel porcelain spittoon bowl (towards the patient)
  - Setting the time for "Bowl Flush" and "Cup Fill", timing the automatic "Bowl Flush" after "Cup Fill"
  - Control of the chair is from three points: from the dentist table, from the assistant table and from the foot control
  - "Chair Services" are under the front cover of the patient chair
  - Available in a large range of colours
  - For attaching to SK1.01 or SK1.08 chair
  
- Assistant table with foil keyboard and the option of an x-ray viewer, assistant syringe and curing light
  
- Dentist table with foil keyboard and the option of up to 6 instruments
  - Quick and easy change of instrument positions directly by dentist (instrument hoses are connected to the dentist table via interchangeable connector)
  - Integrated water non return valves
  - Independent control of water and air for each instrument via the foil keyboard
  - Switch of the cooling through the foil keyboard or foot control is indicated on the display on the dentist table



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# smile charm Z



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 **Smile**

# smile charm Z

Representing the Upper Class of Smile dental units. This unit meets the most demanding requirements of comfort for both dentist and patient.

- Control of the unit functions via the foil keyboard on the dentist table
- Regulation of the micromotor from 60 rpm
- Electronic "Giromatic" function of the micromotor
- Both light and acoustic warning for instrument treatment (lubrication)
- Setting the instrument power level via foil keyboard or proportionally by the foot control
- Chip Air activated by the foot control
- Automatic activation of Chip Air after completing work with the instrument
- Detachable, upper delivery system (whip), fully flexible without any backward tension
- Dentist table locked in the working position by automatic brake
- Swivel porcelain spittoon bowl (towards the patient)
- Control of the chair is from three points: from the dentist table, from the assistant table and from the foot control
- "Chair Services" are under the front cover of the patient chair
- Available in a large range of colours
- For attaching to SK1.01 or SK1.08 chair

- Assistant table with foil keyboard and the option of an x-ray viewer, assistant syringe and curing light

- Dentist table with foil keyboard and the option of up to 6 instruments
- Integrated water non return valves
- Independent water control for all instruments
- Switch of the cooling via the foil keyboard and by the foot control



# smile mini 02



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**smile**

# smile mini 02

Representing the Economical Class of Smile dental units.

- Swivel porcelain spittoon bowl (towards the patient)
- Independent circuit of pure water (for instruments cooling)
- System of ejector suction
- For attaching to SK1.01 chair

- Dentist table without foil keyboard and the option of up to 5 instruments
  - Manual regulation of cooling water
  - Mechanical control of the unit functions (from bottom cover of the dentist table)



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# smile mini 04



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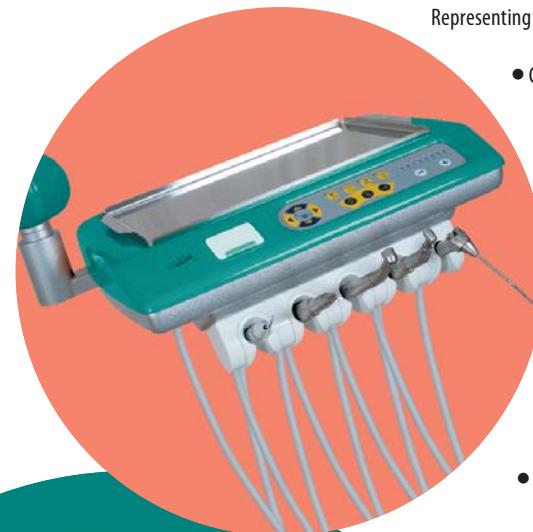


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**smile**

# smile mini 04

Representing the Economical Class of Smile dental units. This unit meets any requirements of ergonomic work for dentist.



- Control of the unit functions via the foil keyboard on the dentist table
- Regulation of the micromotor from 60 rpm
- Electronic "Giromatic" function of the micromotor
- Both light and acoustic warning for instrument treatment (lubrication)
- Setting the instrument power level via foil keyboard or proportionally by the foot control
- Chip Air activated by the foot control
- Automatic activation of Chip Air after completing work with the instrument
- Dentist table locked in the working position by manual brake
- System of ejector suction
- Swivel porcelain spittoon bowl (towards the patient)
- Control of the chair is from two places: from the dentist table and from the foot control
- "Chair Services" are under the front cover of the patient chair
- Available in a large range of colours
- For attaching to SK1.01 or SK1.08 chair



- Dentist table with foil keyboard and the option of up to 5 instruments
  - Integrated water non return valves
  - Independent water control for all instruments
- Smile MINI 04 is available also in cart version as MINI 04 SU



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Product design Ferdinand CHRENKA MED/2008/E/33



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# smile

## sympatic



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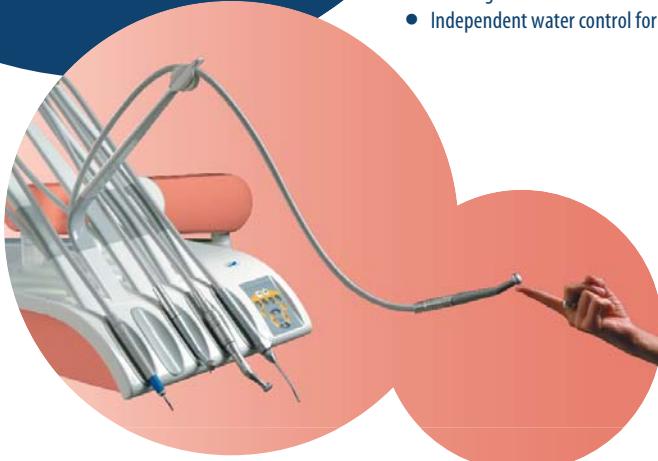
Representing the Middle Class of Smile dental units.

This unit meets the most demanding requirements of comfort for both dentist and patient.

- Control of the unit functions via the foil keyboard on the dentist table
- Regulation of the micromotor from 60 rpm
- Electronic "Giromatic" function of the micromotor
- Both light and acoustic warning for instrument treatment (lubrication)
- Setting the instrument power level via foil keyboard or proportionally by the foot control
- Chip Air activated by the foot control
- Automatic activation of Chip Air after completing work with the instrument
- Detachable, upper delivery system (whip), fully flexible without any backward tension
- Dentist table locked in the working position by automatic brake
- Swivel porcelain spittoon bowl (towards the patient)
- Control of the chair is from two places: from the dentist table and from the foot control
- "Chair Services" are under the front cover of the patient chair
- Available in a large range of colours
- For attaching to SK1.01 or SK1.08 chair

- Dentist table with foil keyboard and the option of up to 5 instruments
- Integrated water non return valves
- Independent water control for all instruments



# smile

## sympatic E



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# smile sympatic E

Representing the Economical Class of Smile dental units. This unit meets any requirements of ergonomic work for dentist.

- Control of the unit functions via the foil keyboard on the dentist table
  - Regulation of the micromotor from 60 rpm
  - Electronic "Giromatic" function of the micromotor
  - Both light and acoustic warning for instrument treatment (lubrication)
  - Setting the instrument power level via foil keyboard or proportionally by the foot control
    - Chip Air activated by the foot control
  - Automatic activation of Chip Air after completing work with the instrument
  - Detachable, upper delivery system (whip), fully flexible without any backward tension
  - Dentist table locked in the working position by automatic brake
  - System of ejector suction
  - Swivel porcelain spittoon bowl (towards the patient)
  - Control of the chair is from two places: from the dentist table and from the foot control
  - "Chair Services" are under the front cover of the patient chair
  - Available in a large range of colours
  - For attaching to SK1.01 or SK1.08 chair

- Dentist table with foil keyboard and the option of up to 5 instruments
  - Integrated water non return valves
  - Independent water control for all instruments



# Patient Chair

## SK 1.08



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Smile

# Patient Chair SK 1.08



New generation of patient chair. Maximum comfort for both dentist and patient.

- Anatomical design of the backrest and seat section to avoid "stripping" effect
- 2 sets of four programmable working positions with visual control on display
  - Electronic or mechanical control of multi-articulating headrest
  - Electronic control of backrest and seat movements
  - Three variations of armrest:
    - 1) fixed left, 2) tilting right,  
3) electronic controlled right
      - Safety microswitches with "return" movement to release a trapped object
      - New seamless upholstery technology – easy disinfection and cleaning
      - Cleaning of upholstery with antibacterial and antimycotic agents (do not use alcohol based cleaning agents)
      - High Quality stretch upholstery (air and steam permeable, hard wearing)
    - Power supply positioned under the front cover of the patient chair
    - Foot control allows independent use of the SK1.08 chair and in conjunction with any other Smile unit
      - Max. lifting weight: 185 kg
      - Available in a large range of colours
      - Trendelenberg position included as standard



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Product design Ferdinand CHRENKA MED/2008/E/36



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Smile

# Patient Chair

## SK 1.01



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# Patient Chair SK 1.01

Reliable, ergonomically designed to give the dentist the best working position and comfort for the patient.

- Anatomical design of the backrest and seat section to avoid "stripping" effect
  - Four programmable working positions
  - Multi-articulating headrest
  - Thin profile backrest, available in three variations:
    - 1) Classic, 2) Wide, 3) Classic with lower cut out for headrest
  - Three variations of armrest:
    - 1) Left-Fixed, 2) Right – tilting forward, 3) Right – tilting backward.
  - All Variations have the option to be upholstered
    - Safety switches on backrest and cantilever
    - High Quality seamless, stretch upholstery (air and steam permeable, hard wearing)
    - Detachable hygienic foot cover
      - Cleaning of upholstery with antibacterial and antimycotic agents (do not use alcohol based cleaning agents)
      - Power supply positioned under the front cover of the patient chair
    - Foot control allows independent use of the SK1.01 chair and in conjunction with any other Smile unit
      - Max. lifting weight: 180 kg
      - Available in a large range of colours
    - Min. height travel: 42 cm
    - Trendelenberg movement available as optional extra



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