ES-512B
Dental Unit
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Cod. ES-512B TM
Luxury version TM
(top mounted instrument tray)

- Electric dental unit with synchronized movements:
  when the chair moves up or down, the hydraulic unit behaves
  accordingly to allow the spittoon to always be the same height of
  patient’s head.
- Leather covered dental chair and wider cushion.
- Memory of 9 programmable positions + zero position
- Adjustable articulated headrest
- Built-in high/low suction system with separated circuits for surgical and saliva
- Adjustable LED operating lamp (10 bulbs, you can select 11000, 25000 or 36000 LUX)
- Easy to plug hand accessories for easy cleaning and disinfection
- Down-mounted instrument tray (Optional top mounted)
  - 5 instrument positions:
    - 3 way syringe + three hand pieces + one free
    - X-ray film viewer (Optional LED panoramic version)
    - Soft keyboard for all commands and memories
- TM version with stainless steel adjustable tray placed under.
  Each instrument cable has five block-positions to facilitate work
  and after the fifth block, the cable rewinds
- Assistant section with 4 instrument positions (two saliva and surgical aspiration tubes with automatic switching + one 3 way syringe + one free)
- Automatic spittoon rinsing in zero chair position
- Outer tank for water and/or disinfection
- Tempered glass spittoon with 90° swivel water supply arm.
  Automatic filling of the cup by light sensor, adjustable capacity.
- Built-in Junction box
- Multi-functional footswitch
Standard configuration

- **Main keyboard for:**
  - chair movements with 9 memorized positions + zero
  - rinsing spittoon and manual filling cup
  - light switch of the x-ray viewer
  - water heating

- **Assistant section with:**
  - aspiration and saliva canule, automatic switching
  - 3-way syringe (hot/cold water)
  - LED curing light (optional)

- **Subsidiary keyboard for:**
  - chair movements
  - rinsing spittoon and manual filling cup
  - heating water

- **Tempered glass spittoon**
  - rotatable water supply arm
  - light sensor for automatic filling cup

- **Outer tank**
  for outer water and disinfection

- **Articulated arm with LED operating lamp**
  adjustable light

- **Multi-functional foot controller**
  with patient positions, water supply rinsing/flushing and blowing for the hand-pieces

- **Built-in junction box**

- **LED panoramic x-ray film viewer**

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Technical Specifications

- **Power voltage:** 220 V / 50-60 Hz
- **Motor voltage:** 24 V
- **Water pressure:** 0.2MPa-0.4MPa
- **Air pressure:** 0.5MPa-0.8MPa
- **Package:** wooden box 150x110x131h cm, gross weight 300kg
Optional

- LCD display for the unit status
- Operating halogen light 15000 LUX
- Endoscope system
  composed by:
  - CCD intra-oral camera
  - articulated arm with LCD colour screen
- Fiber optic predisposition
  for 1 or 2 instruments
- Electronic module for micromotor
- Built-in LED curing light
- Built-in electronic scaler
  with autoclavable handle
- High speed hand piece
  air and electronic powered
- Low speed hand piece
  air and electronic powered
- Operating stool
- Air compressor
- External junction box
  with water/air control pressure gauges
  and water/air electric main on/off switch