



ES-512G

Dental Unit



DENTISTRY



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ES-512G

Dental Unit



Cod. ES-512G DM
Standard Basic version DM
 (down mounted instrument tray)

Cod. ES-512G TM
Optional Luxury version TM
 (top mounted instrument tray)



* The picture shows the full-optional version of the unit

- 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
- Ceramic spittoon with 90° swivel water supply arm. Automatic filling of the cup by light sensor, adjustable capacity.
- Built-in junction box
- Multi-functional footswitch



Cod. ES-512G DM
 Standard basic version of the dental unit, with down mounted instrument tray



Cod. ES-512G TM
 Optional luxury version of the dental unit, with top mounted instrument tray

Standard configuration

- **Main keyboard for:**
 - chair movements with 3 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 and memory programs
 - rinsing spittoon and manual filling cup
 - heating water
- **Ceramic 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**



Main keyboard



Multi-functional footswitch



Assistant section with instrument tray and subsidiary keyboard



Articulated arm with LED operating lamp



Ceramic spittoon

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

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



**LED panoramic
x-ray film viewer**



**LCD display for
the unit status**



Operating halogen light



Endoscope system



**Electronic module
for micromotor**



Built-in LED curing light



Built-in electronic scaler



Operating stool



Air compressor



External junction box



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