

TR6210-N1 Dental Unit



Technical Specification :

Dental Unit consists with Dental chair, Spittoon unit, Operating Light, Dental Stool and Supporting equipment with the following features and specification.

Feature :

- Fully electro motorized Dental chair & chair mounted treatment unit for examination surgery.
- Complete with air motor & air turbine system, Angled 3-ways syringe both side, high Volume suction & low suction, the headrest can adjust and lock.
- Rinsing water system can set for volume of water. Tap water and purified water can be chosen to supply water, in order to prolong life span.
- Telescope arm adopts air pressure locking balance for easy manipulation

Dental Chair Specification :

- Fully electro motorized & electro control height backrest adjustment, chair lifting capacity minimum 135kgs
- Operating key on instrument tray and top of backrest of dental chair, foot control switch on the foot pedal/base plate, the height of dental chair can be adjusted.
 - i) Lowest position: 420mm±50mm.
 - ii) Highest position: 720mm±50mm headrest can adjust and lock
- Multifunctional foot switch
- Arm rest on right will be swiveled for easy entry and exit
- Medical Grade Stainless Steel (ASI 316)/ms steel with epoxy painted body.

Dental unit specification:

Dental Element :

- Push button, two turbine hand pieces (4-hole standard connection rotation speed min, 3,00, 000 or more), one air control low speed hand piece (straight, contra-angle and motor) and three way syringe (Spray air, water spray)
- Kit for tray holder
- X-ray Film viewer (Standard)
- Waste container

Assistant Element:

- Comfort Assistant element for height-adjustable arm pivot able
- Assistant element kit comfort.
- Suction and saliva ejector system, Water negative pressure. When the water pressure is 180 Kpa or more, the vacuum is not less than 27kpa. When the water pressure is 180 Kpa or more, the sucking ability is not less than 450mL/min. pump water speed is not less than 1L/min
- Arm height can adjustable option
- 3-way syringe with 3-F tubing

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Spittoon/water (cuspidor) unit specification :

- Inserted porcelain or tempered glass spittoon should be removable, smooth surface and easy for sterilization

Operation light:

- Operating light should be multi directional & must have intense light and weak light option intense light 25000lux or more, weak light 6000 lux or more.
- LED lamp should be easily replaceable

Dental Stool :

- Impact resistant 5 castor base, Soft castors (braked) for hand floor coverings
- Anatomically shaped seat surface
- Seat tilt adjustable locking in horizontal position, hand operated (Hydraulic)
- Seat height adjustment (loaded): Form low to 540mm \pm 25mm
- Power Supply Unit : Rated voltage : 220 VAC , 50Hz

Standard configuration:

- Dental Unit : 1set
- High speed hand piece: 2 pcs
- Air control low speed hand piece (straight , contra-angle and motor) 1pc
- Three way syringe: 1pc .
- Instrument tray: 1 set
- Suction and saliva ejector system: 1set
- Rinsing water system: 1set
- Porcelain spittoon or tempered glass : 1set
- Light changes operating light : 1set
- X-film viewer: 1set
- Purified water system (Standard System) 1set
- Telescope arm: 1set
- Doctor stool with castors: 1pc

Accessories for per unit :

A.Air compressor (Medical grade) :

- Oil free air compressor
- Auto cut off switch
- Medical grade air
- Pressure gauge & air moisture filter
- Exhaust Volume : 70-100L/min
- Max Pressure : 0. 8Mpa
- ON / Off Pressure : 0.55/0.8MPa \pm 0.5Mpa
- Container capacity: 32L
- Noise level:< 70 dB

B) LED Curing Light Unit :

Hand piece :

- Operating Voltage: Max DC 3.7V
- Light output \geq 1800-2200mW/m²
- Wavelength Range: 420-480nm

Charger : Operating Voltage: DC 5V /1A

Battery: Type: Lithium-ion battery

- Nominal Voltage: DC3.7V
- Rating Capacity : 2.300 mAH

Light Guide: Curing Area: Φ 50 mm²

Size: outer diameter (Φ 25mm \times length 243mm) approx.

Anti-Glare Shield: Material-Acrylic

AC Adapter : Power Supply: AC 1V-220V, AC100-240V, 50 HZ

Power Output : DC 5V / 1A

C) Scalar

- Voltage : \sim 24V 50/60HZ 1.3A
- Working frequency : 29kHz \pm 3kHz
- Input pressure : 0.1bar-5bar (0.01Mpa-0.5Mpa)
- Working way: continuous operation
- Working circumstance : Temperature : 5 $^{\circ}$ C-40 $^{\circ}$ C Humidity \leq 80%
- Storage circumstance: Temperature : -40 $^{\circ}$ C-+50 $^{\circ}$ C Humidity \leq 80%