

Dental unit **Astral**  
simplicity and reliability



# Dental unit **Astral** *premium*

The **Astral** model, the result of the extended experience of FEDESA in manufacturing dental units, is a widely accepted unit in the market, a "legendary unit" given its repercussion in the dental world. The novelty in this model is that it now includes new configurations for its ranges: PREMIUM, LUX and ECO which, together with the ORTHODONTICS version, can cater for a broad spectrum of users based on their various needs thanks to their user-friendliness and versatility, as well as the reliability of their equipment.

Each one of the three versions of the Astral Dental Unit can be configured in three different ways: colibrí/continental type, with hanging hoses and with a mobile unit.

The **Astral Premium** unit incorporates in its basic configuration the following equipment: an independent control panel for the dental unit and for the control of the micromotor and scaler, LED light on all the instruments, endo induction micromotor, ultrasonic scaler with LED light and a LED type illumination lamp.



# Dental unit *Astral premium*



The **instrument tray**, whether of the colibri/continental or hanging hose type, is supported by compensated arm with gas piston offering a wide range of movements, that makes it possible to work without stress and placed in the most convenient position in relation to the doctor's working system. It includes an articulated instruments tray.



The **control panel** enables the control of all the dental unit's functions easily and in an intuitive manner. The parameters of the micromotor (speed, torque, light, direction of rotation, etc.) are also displayed, as well as those of the ultrasonic scaler (functions: general, endo and perio).



The **chair** has a lifting arm at an angle on the left-hand side, thus providing more space for professionals working on that side of the unit.

The **mobile unit**, consisting of an instruments tray with a hanging hose system, an independent control panel to control all the unit's functions, has a complete pneumatic/electric set of instruments and a top instruments tray.

It is mounted on wheels that provide easy and lightweight handling as well as a wide range of movements to place the unit in any working position required by the operator.



Height adjustable and double articulation headrest. Its ergonomics allow patients to place their heads in the ideal position for the doctor to work.



**Lockable whiparms** to avoid the stress when handling the instruments. Reduced height of the arm to avoid contact with other nearby elements. Long hoses.

The bowl and faucet unit includes a removable bowl for better cleaning and greater hygiene. The colour can be combined with the colour of the upholstery.



# Dental unit **Astral** *lux*

The **Astral Lux** model, with the same formal and functional features as the PREMIUM range, provides the most standard configuration.

As in the rest of the Astral range, the unit's safety systems ensure incident-free use. Safety system applied to the chair lowering function, to the backrest and to the assistant's workstation.

Its user-friendliness, versatility and the reliability of the equipment allow for easy and affordable maintenance.

The Astral Lux model incorporates multi-purpose hoses with light, an electric brushless or induction micromotor with light and ultrasonic scaler.



# Dental unit *Astral* *lux*



The **Lux** version, as in the rest of the range, can be configured as a hanging version or a **mobile unit** version.



The **assistant's unit** includes a tray with four holders on a double-articulated arm that allows the assistant to place the unit in a wide range of positions.

The instrument **tray** of the hanging hose system features an integrated control panel.

The **water bowl** can spin 180° for the benefit of the assistant, making it easier for patients to rinse their mouths. The bowl and faucet of the water supply system enjoy an excellent level of mobility (with a working radius of + - 90°) to adapt to the various needs of patients.



# Dental unit **Astral** *eco*

The **Astral ECO** model, which has the same formal and functional specifications as the entire range, is slightly less equipped and represents the basic configuration of the model. When simplicity is enough.

The Eco version is a pneumatic unit with the cuspidor and tray attached to the structure of the chair. The assistant's position features a simple tray with two holders (four can be provided on request) and the main tray includes pneumatic instruments with an ultrasonic scaler. It includes a foot pedal to control the speed of the instruments, water selector and chip blower (optionally, you can incorporate a multifunction foot pedal).

Available with colibrí/continental type instrument tray, with hanging hoses and a mobile unit.



# Dental unit **Astral** *eco*



Thanks to the design of the chair and backrest, the **Astral dental unit** allows work to be performed with direct and indirect vision.

**The backrest** is large and anchored to the chair at three points. It features extraordinarily functional ergonomics for the doctor and is very comfortable for patients. It is completed with the addition of the headrest.

# Dental unit **Astral** *orthodontics*



The **Astral dental unit** also offers a special configuration for **orthodontic** treatments.

All the instruments required for these purposes can be added to the assistant's work position. The water and air syringe, rotary instruments and the suction hoses are fitted to a tray with four holders.

This version also features an instrument tray that is fitted on a double-articulated arm that provides a wide range of movements. The unit features a multi-function foot pedal to control the speed of the instruments, as well as the independent movement of the chair.

Available in two versions of articulated arms.



# Dental unit Astral

## Upholstery

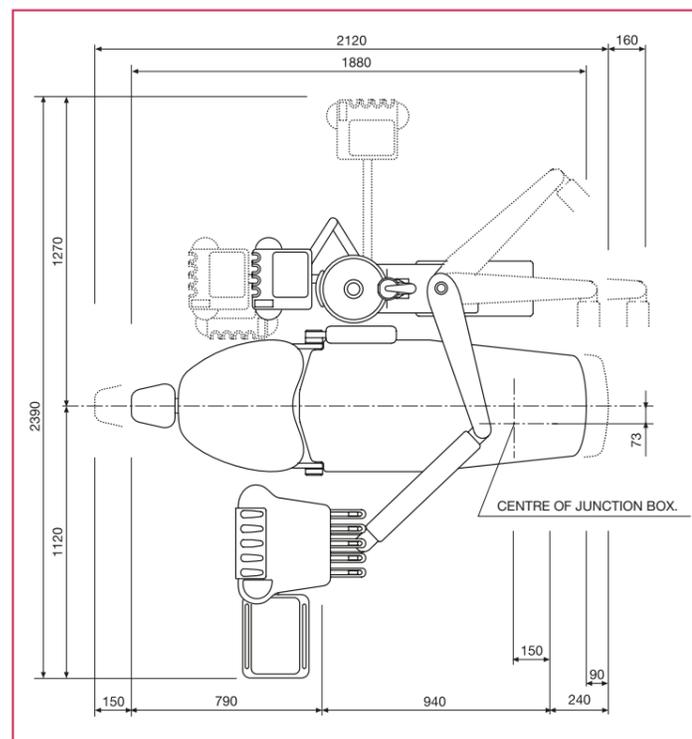
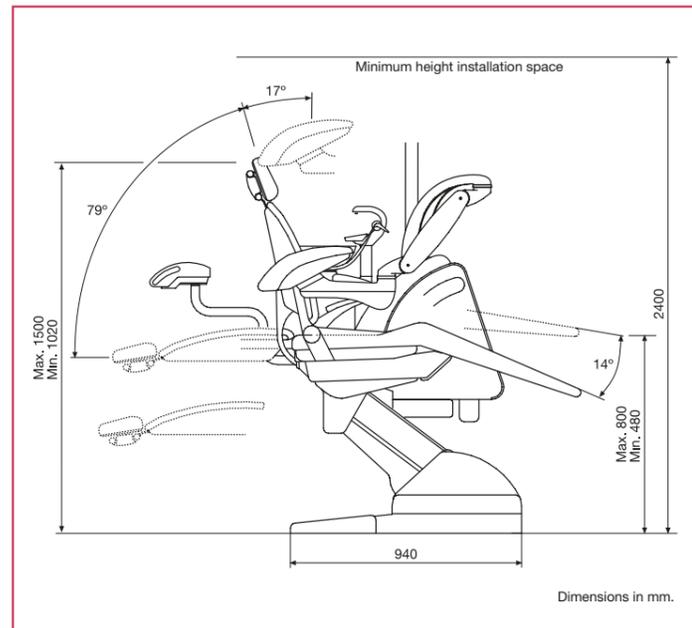
FEDESA provides upholstery on all its dental units that add to the design of its equipment, improving their convenience and comfort.

Low maintenance flame retardant upholstery without seams, washable and excellent resistance to use.

The extensive catalogue of upholstery colours also comes with viscoelastic upholstery (memory foam).

## Textile colour finishes that combine with the dental unit

We have selected a wide range of colours for standard use to integrate with modern facilities.



The measurements indicated on the drawing will help you place your equipment in your surgery.

## Options



Edi Model



Maia Model



Alya Model

### Illumination lamp

All FEDESA dental units include lighting equipment that can be changed as an option.

EDI Lamp (25,000 lux halogen lamp). MAIA Lamp (35,000 lux LED lamp). ALYA Lamp (50,000 lux LED lamp).



### Monitor

Slim, lightweight, with a 17" screen and adaptable to the various positions required for use by the doctor and patient.



### Intraoral camera

High-resolution camera that can be added to the main tray and to the auxiliary tray. Small and very light, touch activation and detachable.



Pneumatic Model



Progressive Pneumatic Model



Multifunction Model

### Control pedals

There are two types: pneumatic pedals with instrument rpm control, water and chip blower selector, and a multifunction pedal for instrument control and to adjust the chair.



### Footrest

All seats on FEDESA units can be supplied with footrests, either with transparent plastic protections or independent polyurethane footrests.

## Mobile units



Astral Model



Astral Model



Astral Model



Evolution Model

### Mobile units

There are various ranges of mobile units: Premium, Lux and Eco. The Premium range features an induction micromotor integrated into the control panel. The Lux range has an electric brush micromotor and the Eco range features pneumatic instrumentation.

The Evolution mobile unit is only available in the Lux and Eco ranges.

## Stools



Astral Model



Astral - A Model



Pony Model with backrest



Pony Model without backrest



Sory Model

### Stools

FEDESA has three types of stools (the Astral, Pony and Sory models) available with or without backrests and with a footrest ring. Surround lumbar support. They are manufactured in stainless steel and feature a five-wheel base, as well as gas piston height adjustment.

A wide range of colours and textures in the upholstery catalogue.



### Manufacturing dental units since 1970

From the origins of FEDESA back in the 1970s and right up to the present day, we have dedicated our efforts to meet the needs of dentists.

We are experts in designing, manufacturing, and marketing dental units. Our extensive catalogue of solutions caters for all the needs of today's dentists.

Our products meet all national and international regulations and certifications that ensure the quality of all our products. A wide network of agents approved by our brand for the domestic market, as in the rest of the world, collaborate with us to offer the best customer service.



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