

simplicity and reliability



Dental Unit  
**Astral**



**FEDESA**  
Rewarding your Loyalty



**Mobile auxiliary tray**

*Adaptation optimal  
work four hands*

**Delivery system**

*High usability  
and complete  
control of the Unit*

*Hygiene  
and accessibility*

**Cuspidor assembly**

*Ergonomics  
and safety*

**Chair**



Dental Unit  
**Astral**

**Simplicity and reliability**

The result of our vast experience in meeting the best on ergonomics, quality and reliability, is a unit simple an efficient to use and inexpensive to maintain.

# Dental Unit Astral Design

## Delivery System.

The basic unit is equipped with hoses for the rotary instruments, and may be expanded with an ultra-sonic scaler or curing light. Handpiece whip arms have been specially designed to eliminate traction and avoid wrist fatigue. The digital touch pad provides complete control over the unit.

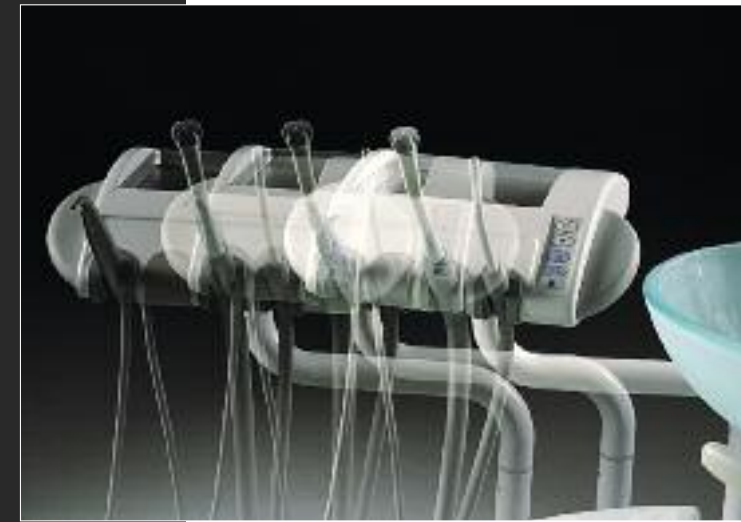
## Cuspidor.

The cuspidor assembly is connected to the seat, and moves together with it. The cuspidor has been designed to hold different optional types of suction systems, with enough extra room for any possible future additions or needs. The suction hose system is within easy reach of the assistant or main operator. The tubings and umbilicals are located inside the chair for the benefit of a better asepsia. The cuspidor's bowl has a rotation of  $\pm 90^\circ$  for an easier use for the patient, making it ideal to work with four hands procedures.

## Chair.

Generous dimensions, electrohydraulic or electromechanical, durable, smooth, silent and powerful. The upholstery of the chair is seamless, and has a shape that offers comfort to the patient and ergonomics for the operator. The chair can be controlled from the delivery system or from the foot control. Chair positions may be memorized. Safety systems are included.





# Dental Unit Astral Performance

## Easily adaptable.

Due to the dimensions and disposition of the unit, it offers easy access to the patient for the operator. The special backrest shape allows for working even with indirect vision.

The suction hose support system mobility allows the operator to free up space in the assistant area, making it ideal to work with four hands procedures. The double articulated headrest allows for arranging the patient's head in the most ideal position for the treatment to be performed.

Brushless micromotor with light and ENDO function is also available. Integrated in touchpanel which allows control all functions of micromotor and scaler.

The delivery system may be easily placed at any location in the operating zone by means of a three-jointed arm and compensated with a gas piston. This, in addition to the automatic features, make it easier for the operator to concentrate on his work, avoiding special attention to the unit.

## Features

The basic unit is equipped with fibre optic hoses for turbines, a 40,000 r.p.m. electric fibre optic micro motor and suction with a centrifugal separator. It can be optionally fitted with curing light, ultra sonic scaler, intra-oral camera, and adapted to different suction systems.

The features of the ASTRAL unit make it a true multi-task station, with all parts ergonomically distributed.

## Special features.

The special shape of the handpiece whip arm allows for ample extension of the hose avoiding tension or contact with the light fixture.

The hose support system's mobility allows the operator to free up space in the assistant area. Foot control of the unit and handpieces avoids cross-contamination.

The unit has three positions that may be memory-set by the operator, as well as pre-set positions with automatic movement to zero-return, the last work position or mouth rising position.

The tubings and umbilicals are located inside the chair for the benefit of a better asepsia.

# Dental Unit Astral

## Value for money relation

### Upholstery.

FEDESA offers a wide range of colours and textures in its upholstery catalogue. All are fire-proof, washable, strong and seamless.



### A high level of safety.

We have promoted safety in the chair movements as well as handpiece use with systems sensitive to any obstacles that may occur while lowering of the chair, backrest or suction hose support.

Chair movement is blocked when the rotary instruments are in use. The chair may be controlled by means of a foot pedal in order to avoid both cross-contamination as well as the instruments, while the special disposition of the activators avoids foot fatigue.

The Astral unit has been designed for you to concentrate on your work while the machine takes care of everything else.

### Options and accessories.

The unit has been designed to adapt to the specific needs of the user. The following items may be added: curing light, ultra-sonic scaler, syringe on the assistant side, intra-oral camera, computer monitor, etc.

The cuspidor assembly can be ordered fully prepared for the amalgam separator suction system, with an instrument water decontamination system or with automatic systems for suction hose cleaning.



### Upholstery colour finishes that can be combined with the equipment in greyish white.

		
Ref. 801003	Ref. 801004	Ref. 801006
		
Ref. 801010	Ref. 801011	Ref. 801012
		
Ref. 801013	Ref. 801014	Ref. 801015
		
Ref. 801016	Ref. 801017	Ref. 801018
		
Ref. 801020		



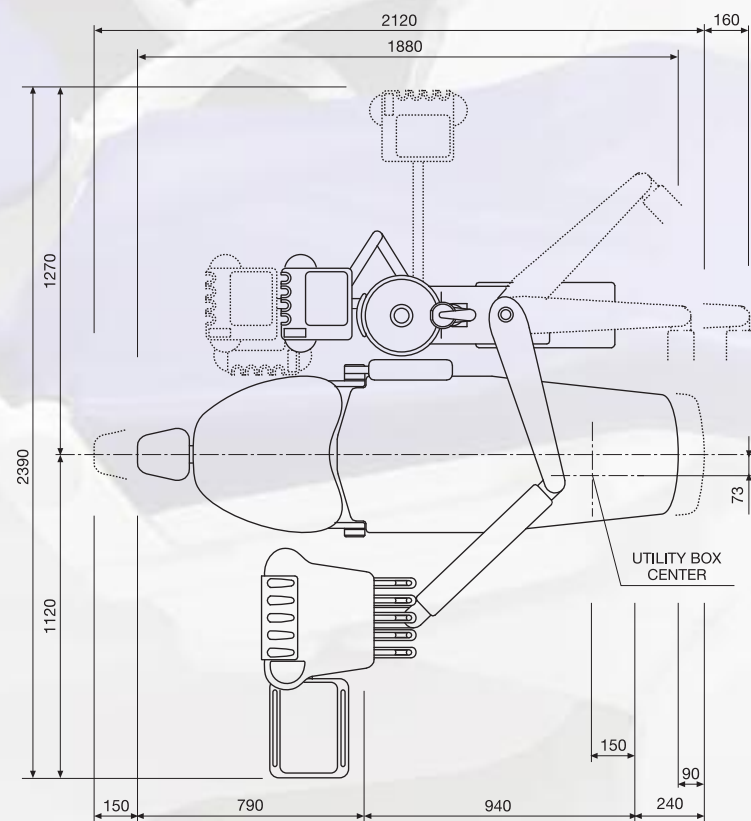
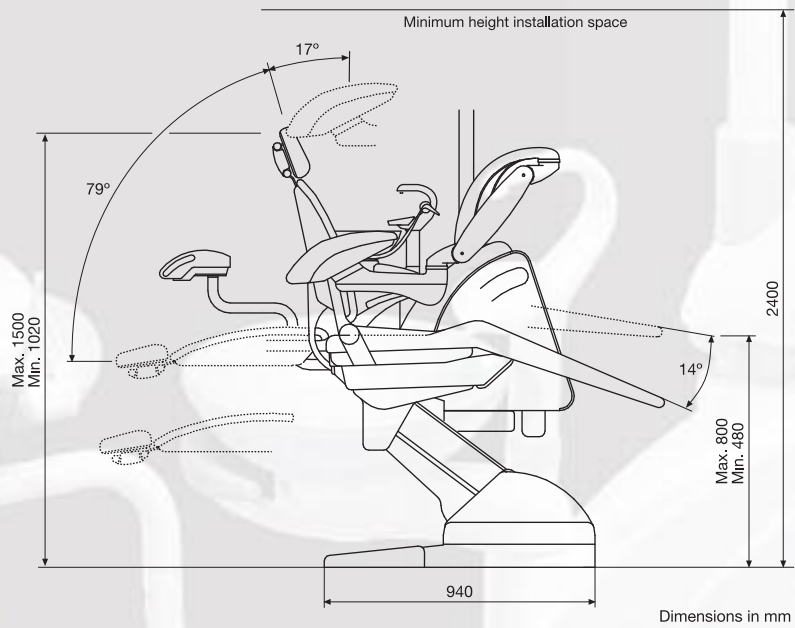
# Dental Unit

## Astral

### Technical data

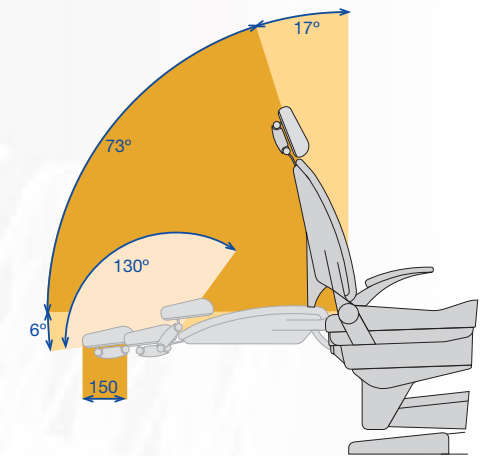
#### Dental Unit

The floor and height measurements will help you to install the Unit in the best place in your office.



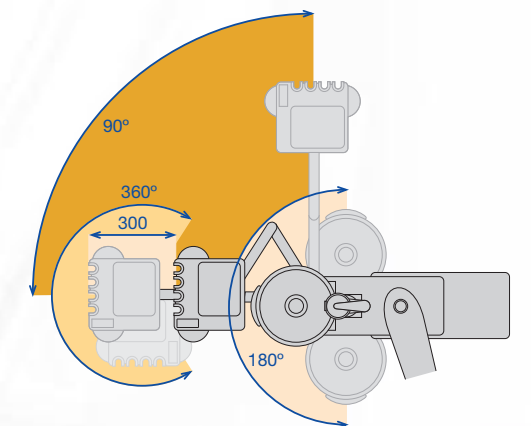
#### Chair

It adapts perfectly to the patient and the work of the dentist.



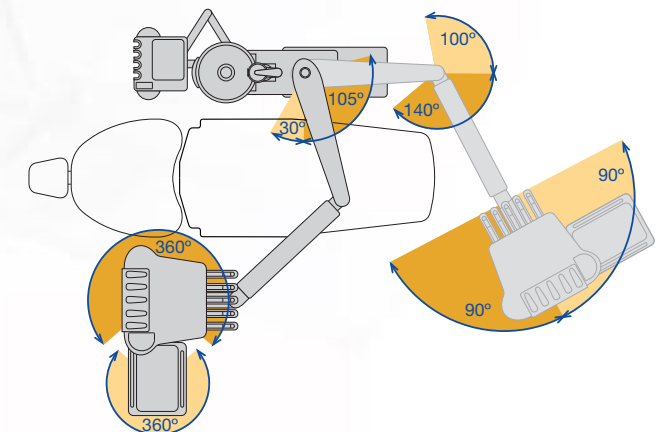
#### Cuspidor assembly

Compact size and 90° turning radius, offering the assistant comfortable access to the patient.



#### Delivery System

The tray's articulated arm makes it possible to adjust it to any position in the working area.





### **Manufacturing dental units for 45 years**

From the time we started out in the dental sector back in the Sixties, until now, in 2012, we have devoted 45 years of hard work to meeting dental equipment needs.

We are experts in the design, manufacture and marketing of dental units, with an extensive catalogue of solutions covering the needs of modern dentistry.

Our products are covered by national as well as international standards and certifications that attest to and guarantee all our products. A wide-ranging network of company-certified distributors work with us in customer service both inside of Spain and worldwide.



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