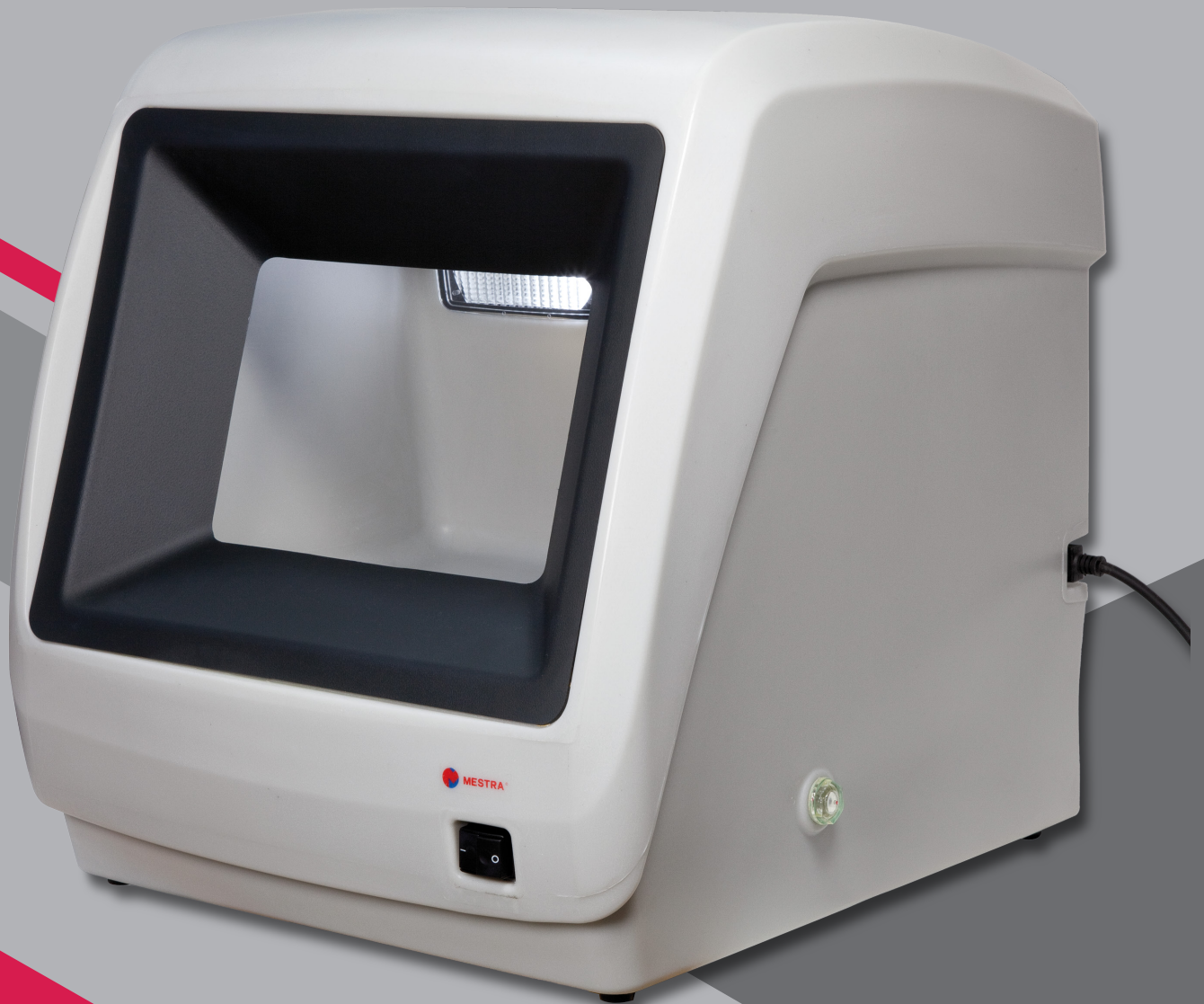




# ALTAMIRA steam cleaner

Ref. 080600



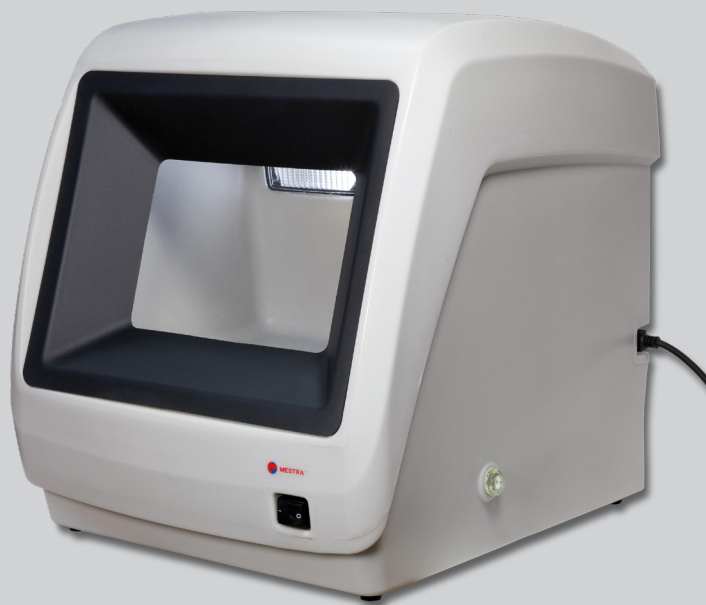
# ALTAMIRA steam cleaner

Ref. 080600

Our grandmothers used to say, and they were always right, that "clean people are not those who clean the most, but those who stain the least". And it is true! When we talk about order and cleanness, the key point is to mess up and to stain as less as possible, but never to generate a "staining-cleaning" type vicious circle.

Nowadays nobody questions the need and importance of the steam-cleaning in the dental labs. We have to admit that it has become an essential technique. However, such a dirty job is still frequently done in sinks and in places not prepared for that purpose, with all its obvious consequences: dirty surfaces, humidity, condensation in walls and floor...

So far the high price of the steam boxes could be an excuse not to use them, and to a certain extent it was justifiable. And this is why in **MESTRA** we have worked hard to design the **Altamira** Steam Box, the ideal complement to any steam-cleaning machine at a very affordable price.



## Characteristics:

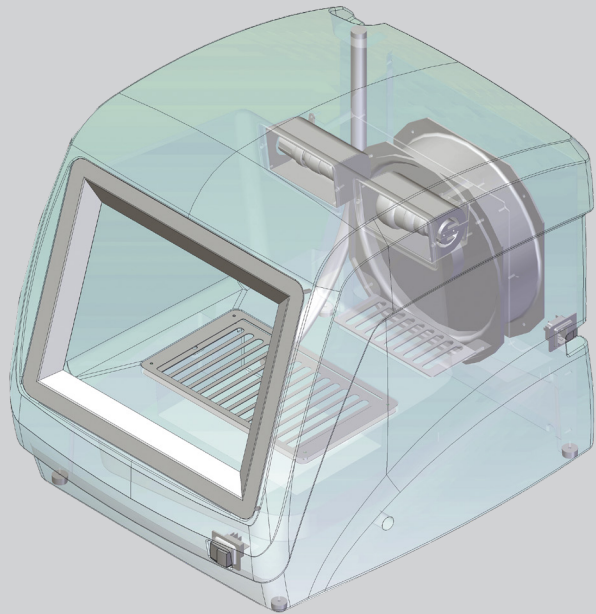
Height 570 mm	Voltage 230 V, 50/60 Hz
Width 520 mm	Power consumption 140 W
Depth 490 mm	Fuse 2 A
Weight 24 kg	Capacity 8 L



# Design

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Built on a strong polypropylene framework, the **Altamira** box has a wide window to access the chamber that will allow you to work at ease. Its size is small, and you can place it anywhere. To install the box you only need a power point.

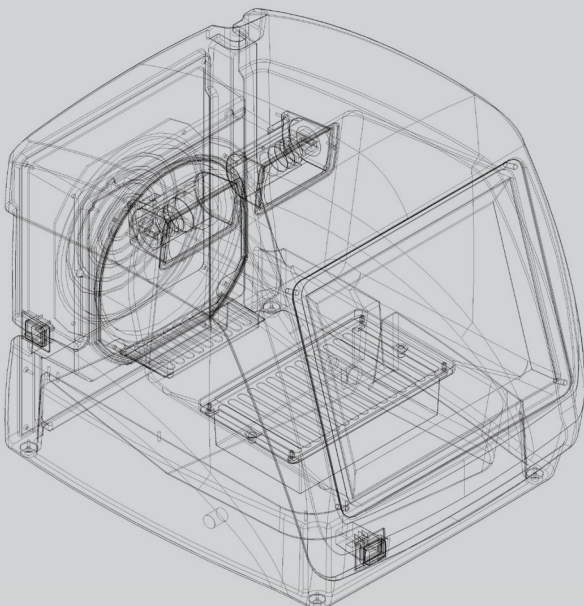


# Ergonomics

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The **Altamira** box features countless details that make it extremely easy to operate. As said before, its size has been adjusted to combine a wide working window with reduced outer dimensions. If placed on a conventional 80 cm-high work surface, the arms of an average size individual are in an extremely comfortable position.

Height and distances have been optimized as much as possible. Besides, the device features a deflecting frame thoroughly studied for the steam to circulate close to the inner walls, and upon reaching the deflector, to generate a vortex that makes it return again to the inside of the chamber. This ingenious design uses geometry to create a dynamics of gases that prevents steam from getting out once the gases are inside.



## Lighting

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Another of the thoroughly studied feature of the **Altamira** steam box: two powerful energy saving light bulbs provide a perfect lighting to the pieces steamed, without hitting the eyes of the user.

And this is precisely another of the functions of the deflecting frame: to prevent glare. A neutral colour has been chosen to prevent gleam and brightness.



## Cleaning

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Our engineers have taken special care in the cleaning of the machine: the outer surface is completely polished, giving dirt no chance to gather. Besides, there are no corners or sharp edges in the box. On the contrary, all the surfaces are rounded to make their cleaning extremely simple.



## Filters

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The double filter system has been thoroughly studied by our engineers. The starting points of the design were: easy access, easy cleaning, and efficiency. The primary filter is placed in the main chamber, with immediate access. You do not need any tool to clean or replace it. On the other hand, and thanks to its design, the filter can be cleaned and re-used several times. Its price is economical, in case you have to replace it.

The second filter -placed at the rear of the machine- requires much less maintenance than the primary one, and it also has an easy access. You only need a few minutes to clean or replace it. If we consider an average use in an average-size Dental Lab, it would be enough to replace this second filter once a year or whenever a decrease of aspiration power is noticed.



## Level

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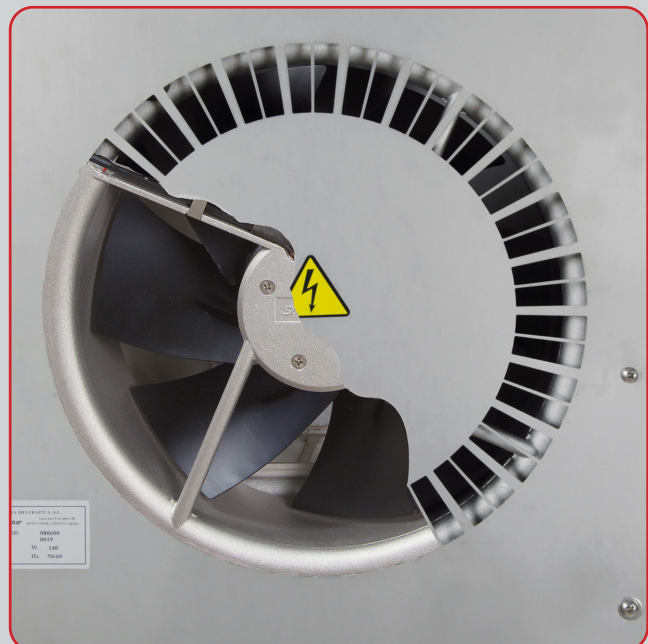
The condensed steam gathers in the lower part of the steam box. A practical level sight glass shows when the tank is full, and so you can empty it through a hose placed at the rear of the machine. It takes a few seconds if you bring the machine closer to the table edge.



## Motor power

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The heart of the steam box is a very powerful fan that can aspire easily the steam gathered in the main chamber. Its operation is smooth and quiet, even though it has an aspiration power of 31 m<sup>3</sup>/min, enough to renew completely the air in a 12 m<sup>2</sup> room in only 1 minute! The noise level is below 63 dB, a surprising feature if we take into account its outstanding power.



## Trends

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The modern and attractive design of the **Altamira** Steam Cleaning Box will fit in with your lab. In MESTRA we have always believed that one of the features that give most prestige to any Dental Lab is the aesthetics of its machines and tools. This is why we give this feature the importance it deserves and we try it to be one of the distinctive features of our make.



## Output

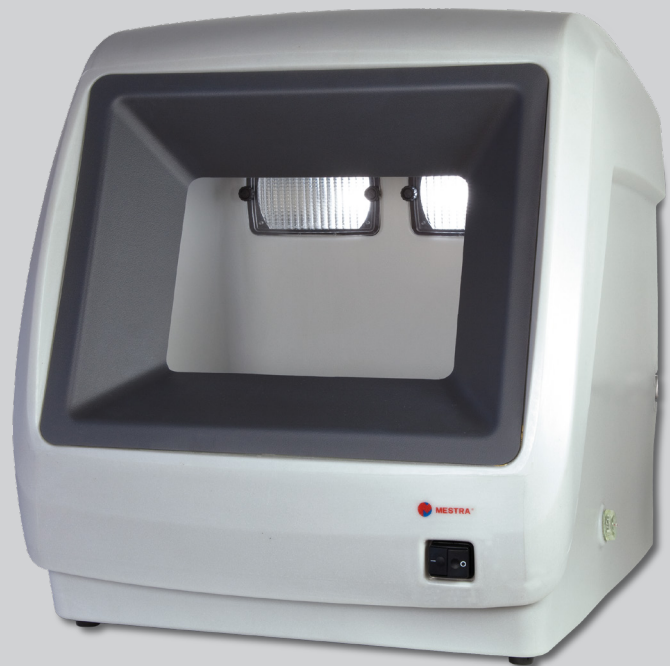
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Cleanness, power, ergonomics, design and effectiveness at a low price... is what the **Altamira** Steam Cleaning Box offers. In short, a new and attractive approach to the steam-works in the Dental Lab. Of course, with the usual level of quality and after-sales service in **MESTRA**.

As the Scottish saying goes, two friends met in the street in a cold winter morning, and one of them asked the other:

- Aren't you cold, McAllister?
- What for? I have got no coat...

Perhaps you haven't needed a steam box so far in your lab, because you did not know any model that could meet your needs at a reasonable price: Why should I steam in a place different from the sink, if I do not have a steam box? Now that you have known our **Altamira** box, there is no excuse.



# Advice to choose a steam box

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You may be currently interested in buying a steam box. In this case, you are lucky, because you will find many models and manufacturers of excellent products in the market. We would like to give you several useful tips for you to choose the most suitable model.

- ✓ **First of all, be objective.** Do not let names, nationality or any other information from the dealer influence you. Do not pay attention to set phrases such as “there must be something wrong if it is so cheap”, “cheap products often prove to be expensive”, “in XX (country) they have never been good at manufacturing machines” and so on. Take into account just reasons, facts and arguments. Never accept disparaging remarks from dealers. Compare at least three models (four, better) before choosing one.
- ✓ **In this type of machines the aspiration power is decisive.** Flows above 25 m<sup>3</sup>/min are fully recommended. Besides, the noise level should be low. Remember that noise pollution is both unhealthy and unpleasant.
- ✓ **Cleaning the machine is another aspect to be taken into account:** keep away from sharp edges, rough surfaces or elements with odd geometric shapes. Smooth and round shapes are the most recommended.
- ✓ **Check out the inner dynamics of the gases.** When the fan is on, steam should not get out from inside the chamber. Regardless the relief angle or the amount of steam, the steam should be always absorbed.
- ✓ **Check out how filters are cleaned and replaced:** they are quite frequent operations, and they should be carried out in a reasonably short time.
- ✓ **The lighting of the chamber should be appropriate:** an excess of light can cause dazzling and gleam, and in short, be unpleasant. On the contrary, a poor lighting is also a problem. A balance between the two should be found.
- ✓ **Details are also important:** the size of the machine, the access to the steam chamber, the touch of the surfaces, the tank emptying system... are distinctive signs of a good make. Quality is not improvised; it requires years of hard work, patience and experience.
- ✓ **Although a minor issue, do not forget the product design:** a modern and efficient professional should use modern and efficient tools. Several-decades-old designs give a poor image of your lab.

After analyzing the aspects above, consider the price, the technical support and all the other services offered by the manufacturer. Think over all this information, and make your choice. If you take into account all these tips, be sure you will always make the right choice, whatever you decide



At **MESTRA** we are specialized in the manufacture and distribution of dental machinery and appliances. We are a Spanish company based in Bizkaia. We currently export to clients in more than fifty countries on five continents and we have more than a thousand references in our catalogue.

We have maintained a line of constant expansion since our foundation in 1945, thanks to our best qualities: the high quality of our products that have earned the ISO 9001:2015 certification by TÜV Rheinland, a close and attentive relationship with our customers, and a constant technical innovation in the design of our products.

Our design philosophy is based on three fundamental pillars: the needs of our clients, the observation of the techniques used in dental laboratories and our more than 77 years of experience providing creative and contemporary solutions to the daily problems of professionals in the sector.

**Do you want to take a virtual visit to our training and exhibition center?**

**Contact us and we'll show you!**



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