



Sandblaster CONSTELLATION "PRACTIC"

Ref. 080259



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In **MESTRA** we have been designing sandblasters for more than 50 years. 50 years is a long time if you make good use of it. That is why we have marketed sandblasters with every kind of accessories and refinements: tank heating systems, control of the flow by vibration, static guns, independent pressure regulators, different dosing systems... They are a sign of the **MESTRA's** innovation and design skills.

It is highly unlikely that a professional will not find a tailor-made sandblaster in our wide range of models. However, none of these products exactly matched the “standard” concept: a medium capacity sandblaster, specialized in the common works in a normal lab, with average features, of low maintenance and at a very attractive price. And this is how the **Practic** project was born.

If you consider yourself as a user of sandblasters with no specialized requirements, interested in a product of simple use, highly reliable and at a good price, you don't have to search any more: when our engineers designed the **Practic** sandblaster, they were thinking of you.



Especificaciones

Height 315 mm	Voltage 230 V 50-60 Hz
Width 440 mm	Max. air consumption 80 l/min
Depth 390 mm	Operating pressure 2 a 5 bars
Weight 12,5 kg	

It all starts in the cabin

Without doubt, the cabin is the cornerstone of every sandblaster, so we could state that this is the key for a perfect design and a perfect performance of the machine. The **Practic** sandblaster features a robust and durable chassis, strong enough to endure a professional use. If we take into account the environment where these machines usually operate (dust, dirt, abrasive elements...), we will agree that being easy to clean is another key feature.

But it is not enough for the sandblaster's chassis to be robust. The cabin should have the exact size as well. If it is too large, the unit takes a lot of space. On the contrary, if it is too small it will be difficult to place the pieces and work comfortably. The size of the **Practic** sandblaster has been carefully chosen to achieve a perfect balance between space and ergonomics. Its width, working height, depth of chamber... have been carefully studied.

The aspiration intake is placed at the upper left side, a perfect layout to sweep the dust inside the chamber without hindering the work. The sleeves are made of a smooth fabric, but, at the same time, highly resistant to abrasion. They adjust perfectly to the wrists, letting no space for the dust to get out.

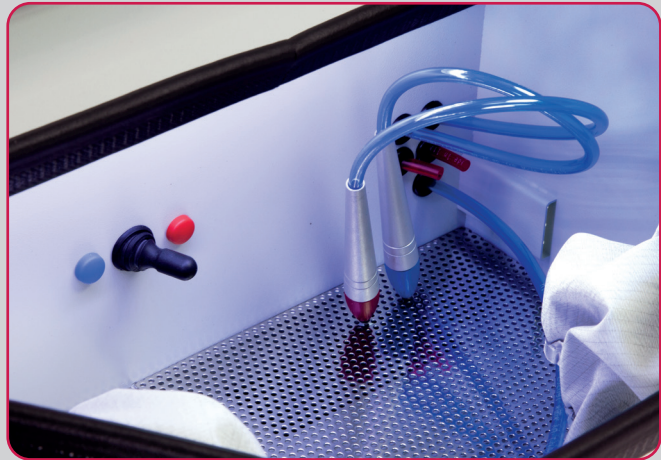


Quality

Despite its multi-purpose character, the **Practic** sandblaster has top level pneumatic components. This ensures a long working life with almost no problems or breakdowns if the basic maintenance is carried out.

Its high quality can be seen in all the details: the precision and simplicity of its selection button; the smooth tightening of the tank lids; the stability on the working area...

The **Practic** sandblaster fulfils the high quality standards that **MESTRA** requires in all its products.

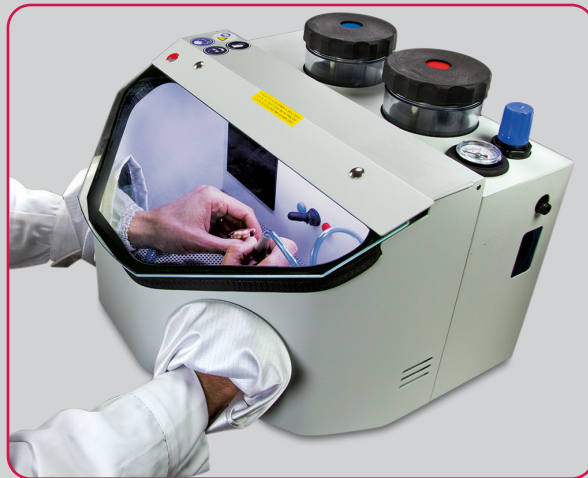


The **Practic** sandblaster guarantees a fully professional finish. If we use the right sand, pressure and blasting distance, we can perform any task; the surfaces will be smooth and glossy, with a characteristic brightness and quality.

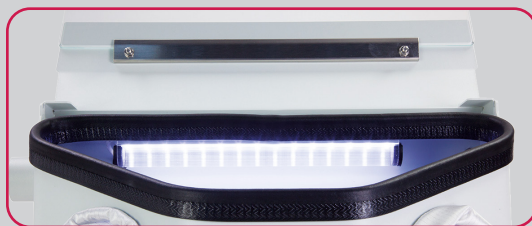


Ergonomics

Working comfortably is not enough. To perform any sandblasting task, it is essential to have an optimal visibility. The **Practic** sandblaster offers an optimal visibility through its large window. Almost 80% of the cabin top lid is glass. Hands and back are in a comfortable position when choosing a good vision angle.

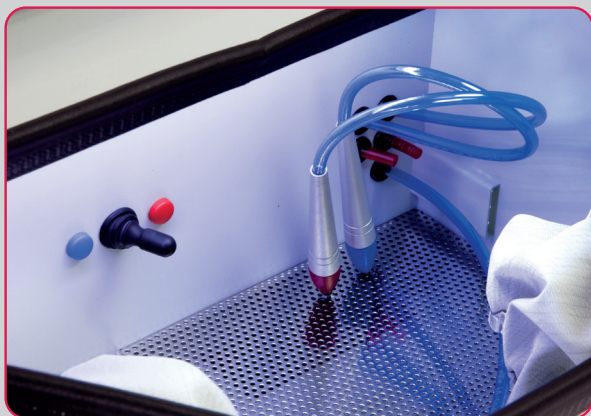


A powerful LED lamp produces a light similar in tone and colour to the sun light, without gleam. It is built in the upper part of the unit to prevent dazzling.



The tank selection has been simplified. To select the tank desired it is enough to move to both sides a lever placed inside the chamber. Intuitive and practical at the same time. The operation pedal is of the electro-pneumatic type, and therefore it is more comfortable to handle than conventional pneumatic pedals.

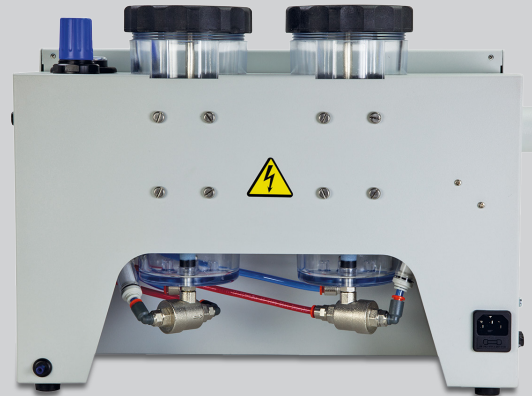
The sand tanks are placed at above the top of the machine, which allows a perfect vision to monitor their fill level.



Saving

When we are talking about saving, we have to take into account, not only the purchase price of the product, but also its maintenance, and specially the saving on consumable materials. The **Practic** sandblaster features quick relief valves, which stop the sand flow within a split second after releasing the pedal.

Thanks to this system (shared by all the **MESTRA** sandblasters), besides the saving on sand, we achieve a substantial improvement of safety, since the tank remains completely depressurized. Saving tastes always better if it comes along with an improvement in safety.



As for the unit's maintenance, all the blasting system can be dismantled quickly, easily and with no tools to solve minor blockages.

Thanks to a practical window, the level of condensed water in the pressure regulator filter can be easily seen. This liquid is drained automatically. The silencing filters and the pressure gauge filters should be replaced only once a year (with a normal professional use).

The length, diameter and wear resistance of the hard metal nozzles have been perfectly studied, to achieve a long working life with hardly any variations in their diameter. This results in a uniform and concentrated blast that can be directed to diminutive corners and details of the piece.



Advice to choose a sandblaster



Quizá se encuentre en estos momentos interesado en adquirir una máquina chorreadora de arena. Si es así, está de suerte, porque hoy en día encontrará en el mercado muchos modelos y fabricantes de excelentes productos. Por nuestra parte nos permitimos sugerirle algunos consejos que sin duda le serán de utilidad en la elección del modelo más acertado.

✓ **Ante todo sea objetivo.** No se deje influenciar por nombres, nacionalidad u otras informaciones de marcas o fabricantes. Tampoco haga caso de frases hechas del tipo: "cuando es tan barato algo tendrá"; "lo barato termina siendo caro"; "La nacionalidad "X" nunca ha sabido construir buenas máquinas" etc. Atienda solo razones, evidencias y argumentos. Nunca acepte descalificaciones de un vendedor. Así mismo compare un mínimo de tres, (o mejor cuatro), modelos antes de decidirse por uno.

✓ **En este tipo de máquinas la limpieza es una parte fundamental.** Debido a la naturaleza del trabajo que realiza, el polvo y la suciedad son casi constantes. Por lo tanto, debe escoger un modelo de limpieza sencilla; sin muchos recovecos; fabricado en un material liso; y que soporte continuas limpiezas sin apenas inmutarse. Tampoco olvide que las cosas más pequeñas generalmente se limpian con mayor facilidad que las grandes.

✓ **Pay special attention to the size.** We advise you to place your hands into the chamber and to simulate the sandblasting tasks you usually perform. Do you think you have enough room? Do the pieces you usually sandblast allow you to move freely inside the chamber? If so, don't think about it twice: **Practic** is your sandblaster. If not, start thinking about a different series of **MESTRA** sandblasters.

✓ **La calidad de los componentes es primordial.** Todas nuestras arenadoras montan componentes neumáticos industriales. Además, los vasos han sido sometidos a ensayos de sobrepresión. Todo ello es garantía suficiente de durabilidad y robustez.

✓ **Observe también los detalles:** el tacto del selector de cambio de vaso; la suavidad para apretar los vasos de arena; la facilidad de limpieza; la accesibilidad al interior de la cámara de chorreado, etc. son signos distintivos de una buena marca. La calidad no se improvisa, requiere de años de esfuerzo, paciencia y experiencia.

✓ **Aunque se trate de un aspecto secundario, tampoco descuide el diseño del producto:** un profesional moderno y eficiente debe emplear herramientas modernas y eficientes. Diseños caducos de hace varias décadas transmiten una imagen pobre de su laboratorio. Robustez, eficiencia, ergonomía y precio no están reñidas con la estética.

Después de examinados los puntos anteriores interésese por el precio, el servicio técnico, y otros aspectos ofrecidos por el fabricante del producto. Con toda esta información medite cuidadosamente y realice su elección. Si sigue estos consejos, -sea cuál sea su decisión final-, puede estar seguro de que habrá acertado.



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!



Talleres Mestraitua SL
(+34) 944 530 388
info@mestra.es - www.mestra.es
48150 SONDIKA (Spain)

