

DRY PISTON DENTAL COMPRESSORS

- NOT SUITABLE FOR MILLING MACHINES -

Ref. 110300

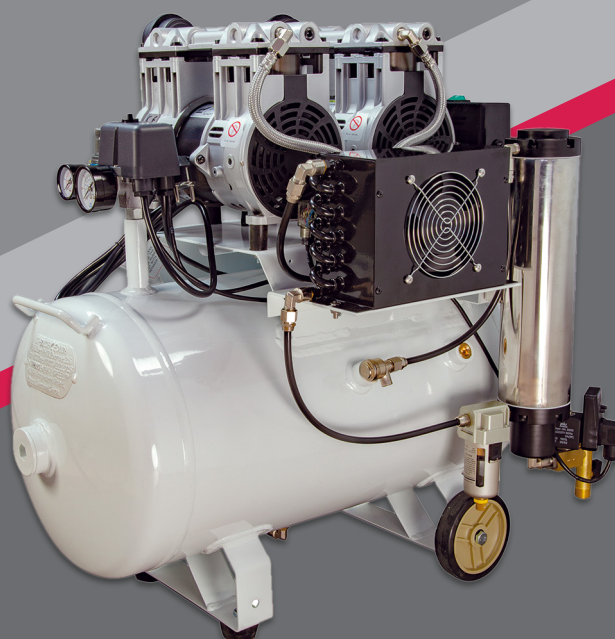


Ref. 110310



Ref. 110330

certificataTE by TÜV SÜD
Type certificate N° 12202200491258001
Directive 2014/29/UE (pressure vessels)



Ref. 110340

DRY PISTON DENTAL COMPRESSORS

MESTRA family of dental compressors

This family of dry piston compressors is mainly characterized by its low noise level (barely 54 dB), its low maintenance and its great reliability. It is important to underline that all **MESTRA** compressors comply with the rigorous European quality and safety standards, which guarantees its suitability for use.

COMPRESSOR WITHOUT DRYER A HEAD

Ref. 110300

Robust and reliable compressor. Its small size and easy maintenance make it ideal for tasks in which humidity of air is not a problem and when a high flow rate is not needed. An excellent choice for dental labs (a dryer model is recommended for blasting) or as a auxiliary compressor in the event that a larger unit fails responsibility.

Characteristics:

Height 650 mm • Width 390 mm • Depth 390 mm • Weight 30 kg

Voltage 230 V, 50/60 Hz • Power 750 W • Pressure 6-8 bar

Tank capacity 38 l. • Nead number 1 • Noise 53 dB • R.p.m. 1.400

Effective airflow (4 bars) 80 l/min. • Aspirated air 152 l/min.



COMPRESSOR WITHOUT DRYER DOUBLE HEAD

Ref. 110330

Similar to model **110300** but equipped with double head, so it is capable of supply a flow rate of 160 L/minute. Ideal for large dental labs medium/ large where work is carried out blowing and cleaning, pressurizing pots and polymerization vessels, etc. To avoid humidity in blasting work, recommends a model with a dryer.

Characteristics:

Height 750 mm • Width 680 mm • Depth 370 mm • Weight 58 kg

Voltage 230 V, 50/60 Hz • Power 1500 W • Pressure 6-8 bar

Tank capacity 60 l. • Nead number 2 • Noise 54 dB • R.p.m. 1.400

Effective airflow (4 bars) 160 l/min. • Aspirated air 230 l/min.



COMPRESSOR WITH DRYER A HEAD

Ref. 110310

Product of high performance and reliability. By having a dryer, the quality of the air supplied is ideal for powering devices that have delicate pneumatic circuitry such as dental equipment. Using filtered and dry air prevents many future breakdowns in the clinic dental. Its power is adequate to feed a team with an average request. The dryer that it incorporates is fully automatic and low maintenance..

Characteristics:

Height 650 mm • Width 390 mm • Depth 540 mm • Weight 37 kg

Voltage 230 V, 50/60 Hz • Power 750 W • Pressure 6-8 bar

Tank capacity 38 l. • Nead number 1

Noise 53 dB • R.p.m. 1.400

Effective airflow (4 bars) 80 l/min. • Aspirated air 152 l/min.



They are also available with (Hepa filter H14)
Ref. 110310H



COMPRESSOR WITH DRYER DOUBLE HEAD

Ref. 110340

Analogous to model 110310 but equipped with a double head, so it is capable of supplying a continuous flow of 160 L/minute of filtered and dry air. This is the perfect option to power a very high usage dental team, or two low/moderate usage teams. Power, flow and air quality are its main features. Its dryer is also fully automatic and low maintenance.

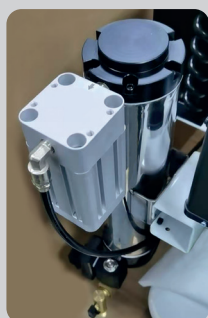
Characteristics:

Height 750 mm • Width 680 mm • Depth 480 mm • Weight 66 kg

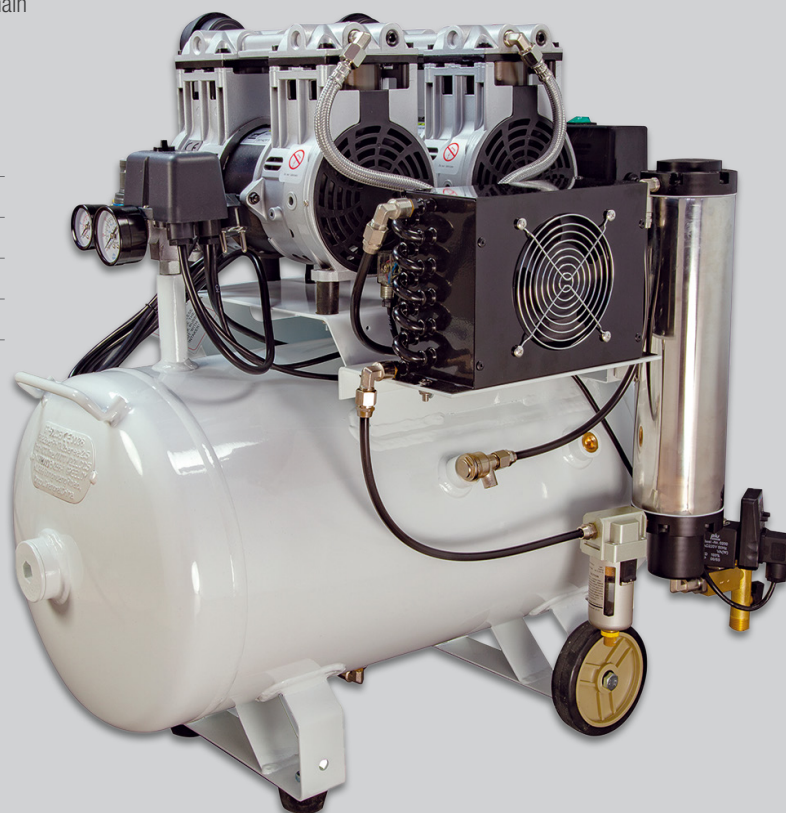
Voltage 230 V, 50/60 Hz • Power 1500 W • Pressure 6-8 bar

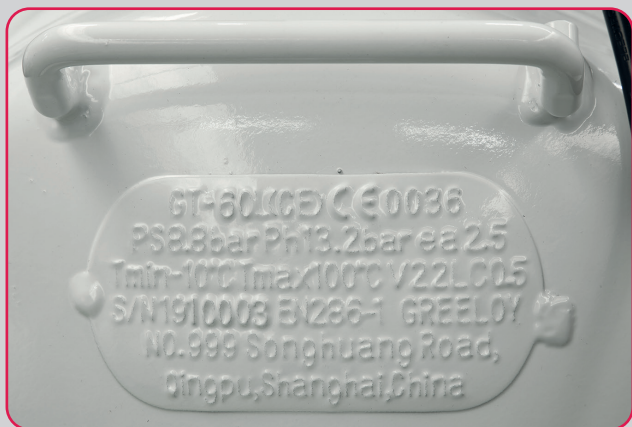
Tank capacity 60 l. • Nead number 2 • Noise 54 dB • R.p.m. 1.400

Effective airflow (4 bars) 160 l/min. • Aspirated air 230 l/min.



They are also available with (Hepa filter H14)
Ref. 110340H





certificataTE by TÜV SÜD Type certificate
N° 12202200491258001
Directive 2014/29/UE (pressure vessels)

How do I know if my compressor meets European safety regulations?

How can I know if my compressor complies European safety regulations? Unfortunately, it is easy to find in the dental compressor market, certain oriental products, which do not comply with current European safety regulations. For this reason, it is recommended that before purchasing a new compressor, check its characteristics and safety stamp: it is a plate welded on the cylinder, similar to the attached photograph. On this plate, next to the CE symbol, you can see the number of the Notified Body that has validated its compliance with European standards. If it does not have a nameplate, the compressor does not comply with the safety regulations.

Certificado por TÜV SÜD Certificado de tipo.
N° 12202200491258001 Directiva 2014/29/UE
(recipiente a Pressure).

TIPS FOR CHOOSING A DENTAL COMPRESSOR

Perhaps you are currently interested in purchasing a compressor. If so, we allow ourselves to suggest some tips that will undoubtedly be useful in choosing the most suitable model:

1. In a dental environment, not just any compressor is appropriate.

To be valid, dental compressors have to have some very special characteristics: first of all, they have to be dry piston. Lubricating oil is not compatible with medical applications. Furthermore, his level of loudness must be very low, this being a fundamental and decisive aspect. Finally, it must be a very reliable product. multitude of tasks in The dental clinic or laboratory depends on compressed air, so any failure or breakdown results in losses, delays and inconvenience.

2. Before deciding you must be sure of what you need. Not always the most expensive compressor is the most suitable. You must have a clear idea of the air consumption that occurs in your clinic or laboratory (number of dental equipment, blow guns, sandblasters, turbines, etc.). Then add up all the consumptions (we assume that all the equipment works at the same time) and divide this consumption by 2. The result will give you an idea of which is the most appropriate air flow for your clinic/laboratory.

3. Once the necessary air flow has been calculated, consider the type of use that you are going to give the compressor: perhaps you think of sporadic use, since it is a redundant piece of equipment that will only be used in the event of failure of the main unit. Or you may have ordinary use planned; Or the compressor may be running at a light load rate, delivering a flow rate less than its maximum flow rate. Or maybe you only use it to cover the peaks in demand that occur in your laboratory or clinic. For these situations, it will be enough for you to choose a simple and economical compressor. A highly recommended example would be the compressors of the **MESTRA** standard range.

4. A frequently asked question from customers less familiar with air networks is often the convenience or not of a dryer. Of course, dry air is the best option. Unfortunately, the price of a dryer increases the cost of the product. As a general rule, whenever you can afford it, it is highly recommended to use models equipped with a dryer. Non-dryer models are an alternative to equipment that is limited to pressurizing vessels, blowing/cleaning, or simple tasks performed at low flow rates.

5. Whatever your choice, you must not forget that a very important part of the success of any air network may depend much more on its approach and the type of switchgear used than on the compressor itself. Using pipes with an inner diameter of less than 15 mm or fittings and connectors with a pitch of less than 10 mm will throttle the air flow, producing poor system performance. Likewise, air leaks -no matter how small- will greatly reduce the performance of the system. For these reasons it is highly recommended that this type of installation is carried out by a specialist. The presence of filters, dryers, regulators, etc. It is also fundamental for a good use of the compressor.

6. For its part, the compressor must be located in a suitable place. Preferably in a separate room in an environment not very humid and with sufficient ventilation. Another point that you should never forget is maintenance. Approximately every 2,000 to 3,000 hours, reed valves and piston rings and filters must be replaced. With this easy operation you can extend the life of your compressor for a long time. As a quicker and easier alternative, the complete head can also be exchanged for a new one, since which is a very affordable replacement.



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