



MESTRA
by KO-MAX

SIROCCO

INDUCTION SUCTION SYSTEM

Clinical and laboratory suction unit range



SIROCCO

INDUCTION SUCTION SYSTEM

At **MESTRA** we know that suction systems are an essential part of a dental environment, because the wellbeing, the cleanliness of the facilities and even the health of its workers and users depend to a large extent on them, which is why we wanted to approach this subject from a professional, competent and serious perspective.

It is difficult to find a manufacturer in the dental sector that offers such a wide range of professional suction units as the Sirocco family, covering any possible need that may arise with the most suitable model for each case.

In addition, the modular and scalable nature of this range provides solutions for both clinical and laboratory use, allowing the user to choose

from a multitude of options, such as unit size, arm type, filtering system, etc.

Although the number of alternatives and accessories is enormous, all units follow the same script: they are extremely quiet, aesthetically appealing suction units incorporating powerful **induction motors** (with a longer life than traditional models) and very economical consumables, with the level of quality that **MESTRA** guarantees in all of its products.

We are confident that this document will help you make the right choice based on your needs, and our team of experts is at your disposal should you have any further questions.



Induction motor
(brushless)



Efficient low-noise
suction (55 dB)



Strong suction
power



Easy removal and cleaning
of the reusable filters



Sirocco S

Suction especially suitable for clinical and laboratory environments, it is the perfect size for desktop use and has a sleek aesthetic.

The Sirocco S model incorporates two stages of filtration: a first circular HEPA (High Efficiency Particulate Array) filter and a second internal HEPA filter. Thanks to its efficient design, the filter change operation is extremely simple.

The unit also features an external micromotor detection system and seven different power levels.

- ✓ Powerful induction motor (brushless)
- ✓ Intuitive "touch" keypad
- ✓ Easy to use and change filter
- ✓ Exceptionally quiet

Specifications

Height 135 mm • Width 280 mm • Depth 280 mm

Voltage 200~240V • Frequency 50/60 Hz

Power 350 W • Noise level 55 dB • Weight 3.1 kg



Sirocco S Suction
REF. **080534**

LED HOSE KIT

REF. **080534AT**



Basic configuration of the Sirocco Model S table-top suction unit, supplied with a flexible and extendable hose up to 700 mm for directing the suction to the work area. Thanks to its LED light it allows small and delicate polishing and reworking operations. Not suitable for biological waste.

- ✓ Particularly useful in the clinic and laboratory
- ✓ Easy to orient the suction hood
- ✓ Built-in LED lighting

Tube 700 mm • Diameter 45 mm • Weight 2.8 kg

FINISHING BOX KIT FOR CLINIC

REF. **080534AC**



Sirocco S suction and finishing box for dental practice fully compatible with the table-top unit. Together they form an extremely useful and reliable partnership for a clinic environment, allowing for minor polishing and reworking operations. The finishing box can also be used as a stand-alone unit.

- ✓ Large screen and access to the inside of the chamber
- ✓ Includes an LED lamp for perfect illumination
- ✓ Great working ergonomics

Height 230 mm • Width 290 mm • Depth 290 mm • Weight 2.4 kg

FINISHING BOX KIT FOR LABORATORY

REF. **080534AL**



It includes the Sirocco S suction unit and a dental laboratory finishing box that is fully compatible with the benchtop unit, forming a very compact and balanced unit. The box can also be used independently thanks to its unique design.

- ✓ Spacious and robust design perfect for laboratory use
- ✓ Includes an LED lamp for perfect illumination
- ✓ Comfortable and practical armrests

Height 230 mm • Width 290 mm • Depth 290 mm • Weight 2.4 kg

Sirocco M & L

These are two robust, quiet and highly reliable suction units, the M model being particularly practical for use under the workbench and the larger capacity L model very useful in CAD/CAM suction systems.

Its brushless motor extends its service life by five to ten times compared to traditional models.

They incorporate a connection for an external micromotor and a milling machine that will operate synchronously with the suction unit. In addition, its ergonomic design with handles and wheels facilitates its use and mobility in the clinic and laboratory.

Depending on requirements, you can choose to use disposable bag filters or reusable HEPA¹ filters, or even a ULPA² filter, as well as three different arm types; flexible hose for connection to other devices, swivelling snake arm or articulated arm, which are also equipped with different suction hoods.

- ✓ Extensive set of fully compatible accessories
- ✓ Exceptionally quiet operation
- ✓ Easy to use and change filter

FILTER SYSTEM

In all cases, the units are very easy to assemble, disassemble and/or change filters, as well as to clean the reusable filters. Various configurations of the filtering system can be chosen according to requirements:

Disposable bag filter + holder + ULPA² filter

Disposable bag filters minimise the risk of contamination by removing waste that you do not want to come into contact with. They are also useful for vacuuming up slightly damp debris such as plaster and polishing paste, preventing moisture from being drawn into the motor.

There are two sizes of disposable filter, large and small, suitable for Sirocco M or L respectively. The holder keeps the bag separate from the ULPA filter.

Reusable HEPA¹ filter + ULPA² filter

This combination is particularly recommended for inert materials (abrasive, dry plaster, zirconium, etc.) and allows the recovery of the suctioned material. Two sizes of reusable HEPA filters are available for use with this configuration: 7.5 l (Sirocco L) and 2.5 l (Sirocco M).

Reusable medium HEPA¹ filter (4.3 l) + felt filter

When the ULPA filter can be dispensed with, the storage capacity of the Sirocco M model is increased to 4.3 litres. A narrow felt disc keeps the motor protected during operation of the unit and cleaning of the filter.

System for expulsion of filtered gases to the outside

When the gases inhaled are of a toxic nature, it is advisable to discharge them directly in order to prevent health problems. In this case, the suction can be supplied with a connection (REF. 080536-21) to exhaust gas discharge tubes.



Sirocco M Suction
REF. 080536

Specifications

Height 580 mm • Width 290 mm • Depth 330 mm
Voltage 200 ~ 240 V • Frequency 50/60 Hz
Power 800 W • Noise level 55 dB • Weight 11 kg
CAM Cable Interface • Filtration grade ULPA U15



Sirocco L Suction
REF. 080537

Specifications

Height 800 mm • Width 290 mm • Depth 330 mm
Voltage 200 ~ 240 V • Frequency 50/60 Hz
Power 800 W • Noise level 55 dB • Weight 13 kg
CAM Cable Interface • Filtration grade ULPA U15

¹ The HEPA filter has an efficiency of 99.99% for the filtration of particles > Ø 0.3 µm

² The ULPA filter is 99.9995% efficient for the filtration of MPPS particles (0.1 – 0.25 µm)

OPTIONAL ACCESSORIES

Flexible hose

This accessory is used to connect the suction to a workstation or a milling machine and has a length of 2.5 metres.

Snake arm

This arm is used to direct the suction to the work area. It is one metre long and has multiple joints. Includes two interchangeable hoods.

Articulated arm

The articulated arm has four rigid tube segments and three joints. It is used to direct the suction to the work area and includes two interchangeable hoods.

CAD/CAM communication cable

The two suction units can be supplied with a communication cable that fits most of the dental milling machines on the market, such as those from Zirkozhan (REF. **080536-17**), Amann (REF. **080536-18**), Roland (REF. **080536-19**) and VHF 5K (REF. **080536-20**).

Cyclone dust decanter

We recommend the use of the suction units in conjunction with the Cyclone decanter (REF. **080535**) which removes up to 98% of the particles sucked in before they enter the unit, thus extending the life of filters and machine.

Electric trolley

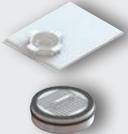
Made of sheet steel and enamelled white (REF. **100308**), has three 290 x 396 mm trays, each holding 5 kilos, a drawer, three power sockets and four wheels for easy moving. It is 490 mm wide, 785 mm high, 405 mm deep and weighs 15 kg.



SET YOUR COMBINATION

To know which model best suits your needs, you need to make three selections: first the size of the suction unit, then the filtration system

to be used and finally the type of arm that best suits the task or processes to be carried out.

	SIROCCO M			SIROCCO L	
Filters ▶  Small disposable filter and holder + ULPA filter  HEPA reusable 2.5l + ULPA filter  HEPA reusable 4.3l + filter made of felt  Large disposable filter and holder + ULPA filter  HEPA reusable 7.5l + ULPA filter					
Flexible hose 2.5 m ▶ 	080536A	080536D2	080536D1	080537A	080537D
Snake arm 1 m + suction hoods ▶ 	080536B	080536E2	080536E1	080537B	080537E
Articulated arm 1.3 m + suction hoods ▶ 	080536C	080536F2	080536F1	080537C	080537F



Sirocco S
with LED hose
REF. **080534AT**



Sirocco S with
clinic review box
REF. **080534AC**



Sirocco S with
laboratory review box
REF. **080534AL**



Sirocco M with flexible hose
REF. **080536A** (small disposable filter)
REF. **080536D1** (reusable filter 4.3 l)
REF. **080536D2** (reusable filter 2.5 l)



Sirocco M with snake arm
REF. **080536B** (small disposable filter)
REF. **080536E1** (reusable filter 4.3 l)
REF. **080536E2** (reusable filter 2.5 l)



Sirocco M with articulated arm
REF. **080536C** (small disposable filter)
REF. **080536F1** (reusable filter 4.3 l)
REF. **080536F2** (reusable filter 2.5 l)



Sirocco L with flexible hose
REF. **080537A** (large disposable filter)
REF. **080537D** (reusable filter 7.5 l)



Sirocco L with snake arm
REF. **080537B** (large disposable filter)
REF. **080537E** (reusable filter 7.5 l)



Sirocco L with articulated arm
REF. **080537C** (large disposable filter)
REF. **080537F** (reusable filter 7.5 l)



LED hose
REF. **080534T**



Clinic finishing box
REF. **080534C**



Laboratory finishing box
REF. **080534L**



First S filter
REF. **080534-01**



Second S filter
REF. **080534-12**



Flexible hose
REF. **080536-07**



Snake arm
REF. **080536-08**



Articulated arm
REF. **080536-09**



Arm base
REF. **080536-11**



Suction hoods
REF. **080536-13** (round)
REF. **080536-14** (long)



Suction S cover
REF. **080534-03**



Suction M and L cover
REF. **080536-10**



Simultaneous micromotor cable
REF. **080536-16**



CAD/CAM cable
REF. **080536-17** (Zirkozhan)
REF. **080536-18** (Amann)
REF. **080536-19** (Roland)
REF. **080536-20** (VHF 5K)



Power cable
REF. **080536-15**



Reusable filter 2.5l
REF. **080536-02**



Reusable filter 4.3l
REF. **080536-03**



Reusable filter 7.5l
REF. **080537-02**



ULPA filter
REF. **080536-04**



Felt filter
REF. **080536-12**



Small disposable filter
REF. **080536-05**



Large disposable filter
REF. **080537-03**



Disposable filter holder
REF. **080536-06**



Exit to outdoors
REF. **080536-21**



Cyclone decanter
REF. **080535**



At **MESTRA** we specialise in the manufacture and distribution of dental machinery and equipment, we are a Spanish company based in Bizkaia, we currently export to customers in more than fifty countries on five continents, and we have more than a thousand items in our catalogue.

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

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

Would you like to take a virtual tour of our training and exhibition centre?

Contact us and we'll show you!



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