

MasterFlux Plus

Sedation equipment

Conscious sedation

Sedation device with automatic flux control. Master Flux Plus is the only piece of sedation equipment completely designed and built in Italy. All its parts are manufactured by Tecno-Gaz and undergo scrupulous individual testing. To avoid a negative visual or psychological impact on the patient, it includes an elegant cabinet that can contain the oxygen and nitrous oxide cylinders with corresponding adapters and

attachments. The unit is RAL 9002 colour, fitted with wheels, a laminated instrument tray and an internal compartment designed for 5, 10 and 14 litre cylinders. On the front there is a space for the flow control box and its accessories. Master Flux Plus has passed the stability tests required by the EN 60204 standards.



New

Flow control box

The flow control box is a sophisticated project of mechanical engineering with an automatic proportioning service system. The mechanical method was chosen due to its "direct" gas management: i.e. it is not subject to other electronic or electrical "controls". We have thus created a high precision product that is highly reliable and easy to use. User-friendly, **Master Flux displays technical characteristics that make it extremely versatile** and with effective safety devices that absolutely do not allow for errors to be committed that would negatively impact the patient. The silk-screen drawing is simple and easy to read.

Simple, complete and reliable

Master Flux Plus comes complete with:

- 1 flow control box
- 1 respiration control bag
- 1 circuit with baby mask
- 1 OX adjuster with tube and attachment
- 1 circuit with adult mask
- 1 N₂O adapter with tube and attachment

Safety:

- Blocks the flow of N₂O when the O₂ pressure is zero (oxygen failure)
- Minimum concentration of oxygen. Oxygen is always present at 30%, thus avoiding the danger of HYPOXIA or ANOXIA.
- A special valve prevents expired gases from returning into the circuit. A special device also allows for ambient air to be breathed in the event of a gas failure.

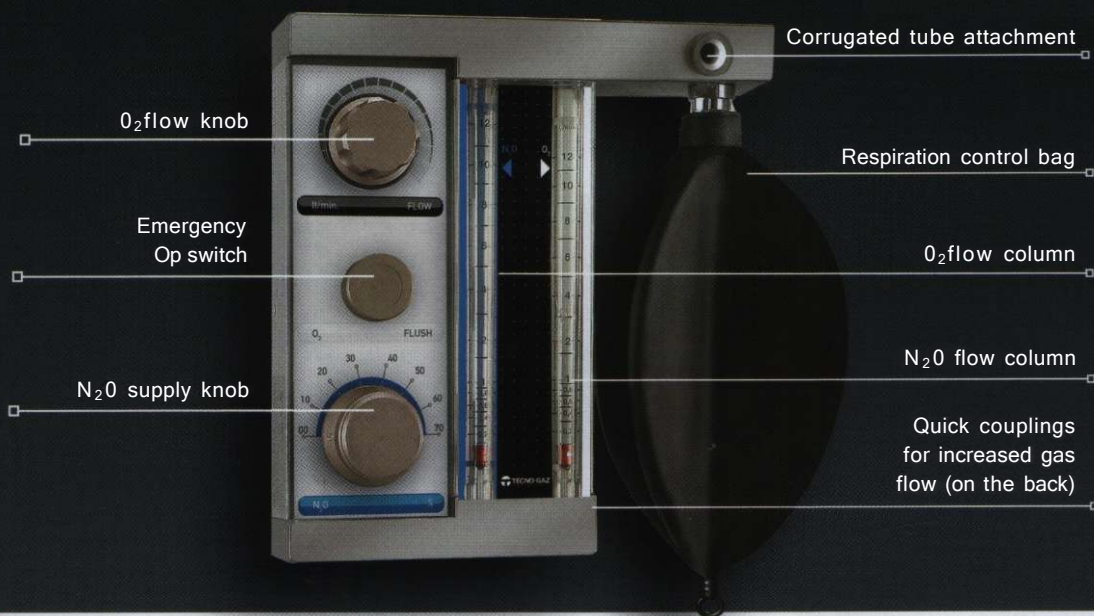
Automatic flow control:

The system has been designed in order to make the flow administration simple and quick. In fact, with the O₂ flow knob we can stabilise the flow in litres per minute as required by the patient. Based on their respiratory volume, using the "adjuster knob", we can choose the flow that we have established, which is subdivided and serviced from 0 to 70% of the N₂O.



Conscious sedation

In detail



Ask the expert

Who needs this?

All dentists, in particular those who practise **paediatric dentistry**, treatment of the disabled and especially those who carry out **implantology**.

Art. 1600AS

Why MasterFlux Plus

- It is a highly-tested and **extremely safe piece of equipment**.
- Allows for the treatment of patients that are not always treatable as outpatients but, above all, allows **professionals to intervene in a calm operating situation**.



Frame and click! Use your mobile phone to get further information about this issue.



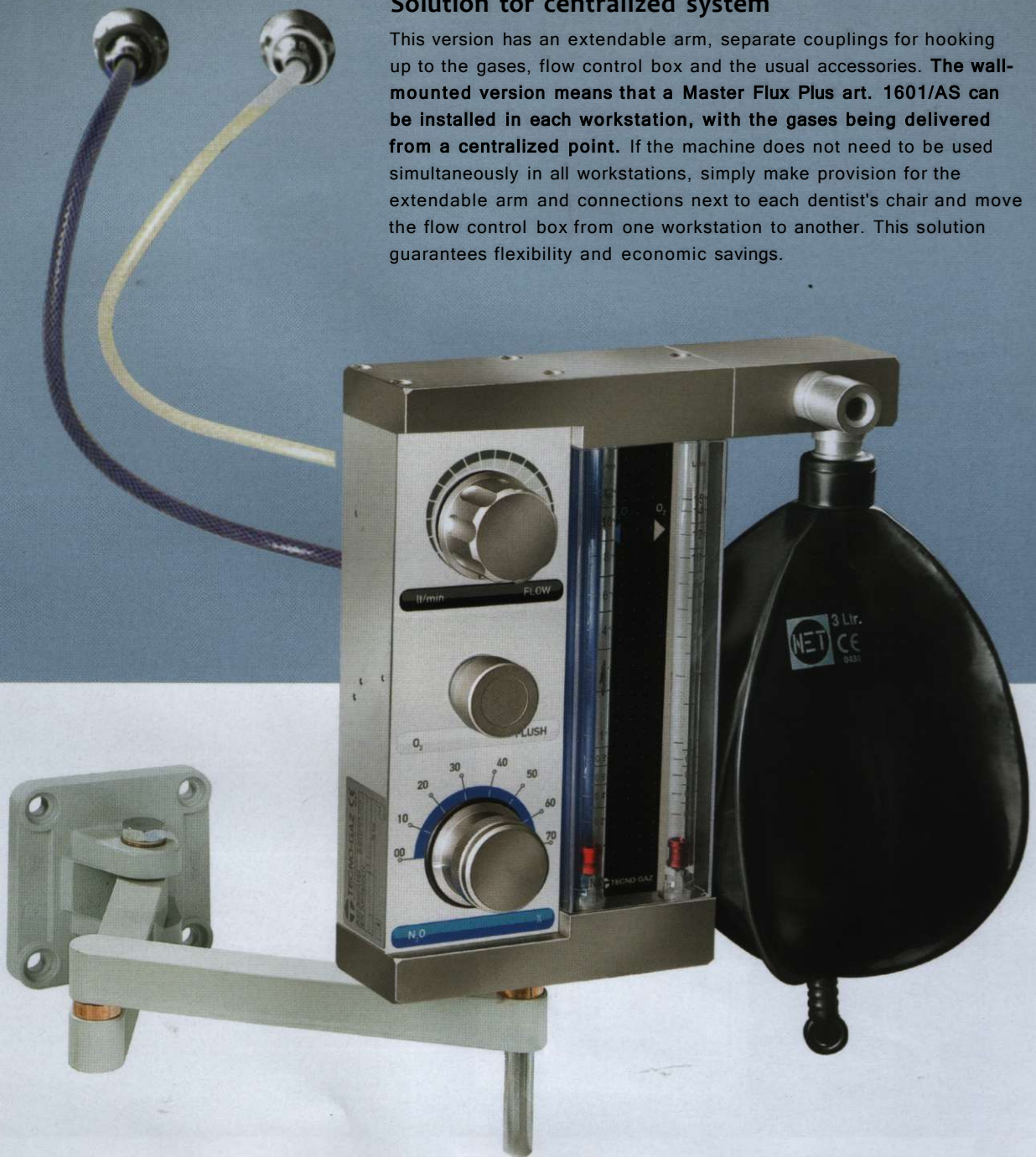
MasterFlux Plus

Wall-mounted sedation equipment

Conscious sedation

Solution for centralized system

This version has an extendable arm, separate couplings for hooking up to the gases, flow control box and the usual accessories. **The wall-mounted version means that a Master Flux Plus art. 1601/AS can be installed in each workstation, with the gases being delivered from a centralized point.** If the machine does not need to be used simultaneously in all workstations, simply make provision for the extendable arm and connections next to each dentist's chair and move the flow control box from one workstation to another. This solution guarantees flexibility and economic savings.



Ask the expert

Who needs this

All dentists, in particular those who practise **paediatric dentistry**, treatment of the disabled and especially those who carry out **implantology**.

■ Art. 1601 AS

Why a wall-mounted MasterFlux Plus?

- **In the event that you want to set up the sedation system in more than one operating room in the same facility, it is possible to create stations with oxygen/nitrous oxide outlets and an extendable arm, using only one flux control box. It is, in fact, mobile as it can be simply inserted into the extendable arm stand.**



Frame and click! Use your mobile phone to get further information about this issue.



MasterFlux Plus Accessories (mobile and wall-mounted versions)



Cylinder kit O₂ - N₂O lt. 5
For therapeutic use.
Art. 1502-A



Cylinder kit O₂ - N₂O lt. 10
For therapeutic use.
Art. 1503-A



Complete resuscitation kit bag.
Mask and tube with connection.
Art. 1504-A

Circuits and masks

The circuits supplied, one for adults and one for children, have been created with very high-quality materials. The masks are universal, therefore thanks to the connections supplied they can be set up to be attached to a surgical aspirator or for passive scavenging.



Standard



Adults
Art. 1605A



Newborns
Art. 1607A

Optional



Flavoured silicon masks single use,
mixed sized packs 24 pes.
Art. 1601AS - 1610 AS



Children
Art. 1606A

MasterFlux Plus Technical information (mobile and wall-mounted version)

MasterFlux Plus (mobile version)

Width	460 mm
Height	1182,5 mm
Depth	442 mm
Weight without bottles	42 Kg
Weight with bottles 5 Lt	63 Kg
Weight with bottles 10 Lt	81 Kg

MasterFlux Plus (wall-mounted version)

Width	230 mm
Height	379 mm
Depth	400 mm
Weight without bottles	5 Kg

