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Camera for sedation MASTER FLUX PLUS (New)

New,
Italian production,
Inhalation sedation is a very friendly and safe method of fighting with fear of pain,
Sedation is a technique that has been used for many years in the United States, Canada and various European countries. Controlled administration of oxygen and nitrous oxide by inhalation causes a feeling of relaxation, reducing emotional stress. Anxiety and pain are reduced, increasing the patient's ease of adaptation and facilitating cooperation with the doctor while maintaining unchanged life impulses. Sedation has no adverse effects and only general contraindications,
Pediatric dentistry - Children most often suffer from the problem of 'dental' 'anxiety', which often manifests as a complete lack of cooperation. Therefore the dentist inconvenience and waste of time. Conscious sedation solves this problem, saving time and facilitating the work of dental staff. New masks available in sizes 1 - 2 - 3 - 4,
Disabled - A very difficult kind of patients. Thanks to conscious sedation, it is easier to treat them,
Dental and other phobias - Dental phobia is common even in adults, causing neglect of dental health. Daily routine procedures, such as taking impressions and removing tartar, often create problems that are solved by conscious calming, which results in the patient's cooperation with the dentist. Dental staff can act calmly, quickly and without stress,
Master Flux Plus - a device that dispenses a mixture of nitrous oxide and oxygen, which calms and relaxes the patient before and during the procedure, facilitating the treatment of patients with dentophobia. This gas has relaxing and calming properties, with a slight hypnotic effect. It does not have muscle relaxation. Nitrous oxide does not dull the patient, allowing him to maintain full contact with him. It is worth emphasizing that the gas stops working very quickly after discontinuing administration, which makes it possible for the patient to drive a motor vehicle for 20 minutes. after treatment
Advantages of the device:
Security systems:
Cut off the N2O flow when the O2 pressure is zero (no oxygen),
The minimum oxygen concentration. 30% oxygen is always present, which prevents the risk of HYPOXIA and ANOXIA,
A special valve prevents the re-use of gases that have leaked in circulation, and a special device allows the patient to breathe ambient air in the event of a gas failure,
Emergency shut off of N2O nitrous oxide:
By pressing the O2 button on the control panel, we cut the N2O flow, providing 100% oxygen flow to both the control balloon and the patient being treated,
Automatic flow control:
The system has been designed to quickly and easily administer the flow. The flow required by the patient in liters per minute is set using the O2 knob, depending on his or her tidal volume. A special adjustment knob can automatically change the percentage of nitrous oxide from 0 to 70%,
Flow column:
The oxygen and nitrous oxide flow columns have been designed for quick and easy reading of the amount of inhaled mixture,
Power connectors:
The connections are mounted at the back of the flow control panel and their couplings are physically different from each other to prevent the risk of reversing the wires for two gases. This is one more precaution to ensure safety when using the device,
Technical data:
Delivery power:
Supply pressure: 3.5 bar - 50 PSI (max 6 bar □ 87 PSI),
Maximum flow rate: 10 NI / min. (liters per minute),
Weight:
Weight without cylinders: 42 Kg,
Weight with 5 Liter cylinders: 63 kg (empty cylinders),
Weight with 10 Liter cylinders: 81 Kg (empty cylinders),
cylinders:
Maximum height: 950 mm,
Maximum diameter: 140 mm,
Wall mount:
The weight of the meter box: 6.27 Kg,
flowmeter:
Accuracy of gas flow: +/- 10%,
Has a current Technical Passport issued,
12 months warranty

