



### Silicone hose suitable for EMS®, Satelec® e Mectron® ultrasonic scaler

#### Mounting Instruction



We congratulate for choosing Drive Air quality product.  
Fully Italy-manufactured hoses.

#### DESCRIPTION AND USE

Silicone hoses for ultrasonic scaler complying with ISO22374.  
Connectors suitable for EMS, SATELEC, MECTRON scalers

TAB.1		Silicone Sheath standard Length	Wires and tubing standard length	Weight
EMS		160 cm	180 cm	100 gr
SATELEC		160 cm	180 cm	110 gr
MECTRON		160 cm	180 cm	110 gr

See Tab.3 for the available sheath colours and hoses references.

#### DIRECTIVE REFERENCES

The hose is conforming to Medical Device Directive 93/42/EEC  
The hose is conforming to European Directive 2002/95/EEC (RoHS)

#### CLASSIFICATION

Class I as per section III , Rule 1 of annex IX to European Directive 93/42/EEC.

#### GENERALITIES

Product intended for professional use only.  
The operator must ensure that the hose is used only for the purpose for which it is intended. The hose must be used by a competent person in accordance with the current legal provisions concerning industrial safety, health and accident prevention regulations, and these instructions.

#### TECHNICAL DATA

Spray water tubing maximum pressure	4 bar/ 58 psi
Spray water tubing flow rate at 2,5 bar/36 psi	>200 ml/min
Locking string maximum resistance to traction	60N

#### ASSEMBLY

See Fig. 1 and Tab.1 before beginning the installation of the tubing and wires.  
Connect wires according to scaler manufacturer's instruction  
Connect tubing and adjust the inlet pressure according to scaler manufacturer's instruction

Keep the initial alignment of the tubing and wires lightly pull and fix the locking string

Hose must be connected to the power supply unit meeting the requirements of IEC601-1 Standard. Additionally, the power supply unit must have a minimum insulation strength of 500 V between the electric circuits and earth and a minimum insulation strength of 4000 V between the electric circuits and mains



The hose is not authorised for use in an explosive atmosphere (Anaesthetic gas).

TAB. 2

	Function	Color			
1	Water spray $\varnothing$ 1,40x2,50 mm	Clear	✓	✓	✓
2	Ultrasound handpiece high voltage	Red	✓	-	✓
2	Ultrasound handpiece high voltage	Green	✓	-	-
3	Handpiece recognition system	White	✓	-	-
3	Handpiece recognition system	Violet	-	✓	-
4	Ultrasound handpiece high voltage	Orange	-	✓	-
4	Ultrasound handpiece high voltage	Black	-	-	-
5	Polyester Locking string	White	-	✓	✓
6	Silicone Sheath $\varnothing$ 7 mm	XX	✓	✓	✓
6	Silicone Sheath $\varnothing$ 9 mm	XX	✓	✓	✓

#### CLEANING AND DISINFECTION

Clean with a cloth soaked in a disinfectant containing: phenol, glutaraldehyde up to 3%, alcohols based on ethanol or methanol.

Never immerse the hose in disinfectant solution.

To keep the surface of the hose in good condition, it is advisable to periodically wipe the complete length of it with a cloth dusted with talcum powder.



Hose cannot be sterilized.

Antimicrobial waterline do not grant a complete absence of bacterial contamination

#### RECOMMENDATIONS

It's essential to use dry, purified compressed air in order to ensure the long working life of the hose. Maintain the quality of the air and the water by regular maintenance of the compressor and the filtration systems. The use of unfiltered hard water will lead to early blockage of the waterline.

#### DISPOSAL

By ensuring this product is correctly disposed, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

#### GUARANTEE

Drive Air grants the operator a guarantee covering all functional defects, material or production faults. The hose is covered by this guarantee for 12 months from the date of invoicing.

In the event of justified claims, Drive Air will fulfil the company's obligations under this guarantee by repairing or replacing the hose free of charge.

Any other claims, of whatever nature, in particular in the form of a claim for damages and interest, are excluded.

Drive Air shall not be held responsible for damage or injury and the consequences thereof, resulting from:

- excessive wear and tear
- improper handling
- non-observance of the instructions for installation, operation and maintenance
- poor connections.

The guarantee shall become null and void if the damage and its consequences are due to improper manipulation or modifications of the hose.

Claims under the terms of the guarantee will be considered only on presentation, together with the hose, of the invoice or the consignment note, on which the date of the purchase, the hose should be clearly indicated.

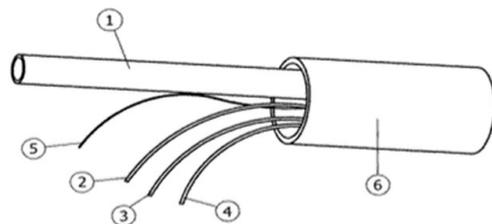


FIG.1

TAB. 3

Available versions			Sheath colors	
Ref.	Suitable for	Outer diam.		
E1.STD.XX.1	EMS	7 mm	XX = WH	White
E2.STD.XX.1	EMS	9 mm	XX = LG	Grey RAL9002
S1.STD.XX.1	SATELEC	7 mm	XX = MG	Grey RAL7035
S2.STD.XX.1	SATELEC	9 mm	XX = GR	Grey RAL7038
M1.STD.XX.1	MECTRON	7 mm	XX = BR	Surf Adec
M2.STD.XX.1	MECTRON	9 mm		