



**SANITARY COMPRESSED AIR**

# **COMPRESSORS**

**With membrane dryer**

**With thermal protection**

**With hour meter**

 **METASYS**

# METASYS Compressors

## METASYS META Air

### Highest medical standard

#### Well thought-out technology



Compressed air used in dental practices must comply with highest sanitary and medical standards. This is why all METASYS META Air compressor work absolutely oil-free and are equipped with an integrated filter and dryer system.

\*except Light models

**Membrane dryer:** Powerful drying system for absolutely dry air

**Air tank:** Antibacterial inner tank powder coating to prevent corrosion

**Operating hours meter:** To ensure the exact definition of maintenance intervals

**Thermal protection:** Double, amperometric and temperature control for optimal safety

**Compressor technology:** Low noise operation and maximum pressure up to 10 bar possible

**Filtration system:** Double filtration system with a rating of 0.01  $\mu\text{m}$

### Best treatment results

#### through medical high-quality compressed air

Oil-operated compressors are not suitable for use in dental practices: Even the smallest traces of oil in the compressed air pose a negative influence on the durability of filling material on the tooth substance. At the same time, lubricating oil causes deposits in the air supply lines. They cause loss of power and premature wear and tear of compressors and compressed air operated instruments.

META Air compressors work absolutely free of oil and therefore ensure optimum, long-term treatment results.

### Optimum sanitary conditions

#### for the protection of patient and treatment team

During the dental treatment, compressed air comes in contact with open wounds. At the same time, the use of compressed air causes an aerosol cloud, which poses a significant risk of infection for the dental staff and patients. A hygienic preparation of dental compressed air is therefore imperative.

METASYS META Air compressors are equipped with a double filtration system with a rating of 0,01  $\mu\text{m}$ . It ensures odour-free compressed air and optimum protection from infection. To assure continuous sanitary conditions, the filters are replaced during maintenance.

### Effective conservation of value

#### for compressed air operated instruments and equipment



Moisture in the dental compressed air impairs the adhesion - e.g. of composite material - and therefore their durability. In addition, the moist environment offers optimum habitat for microorganisms. Dry compressed air, on the other hand, prevents the formation of biofilm in the tubes as well as corrosion on the compressor and operated instruments.

METASYS META Air compressors possess an extremely powerful membrane filter system.

Moisture in the dental compressed air is therefore effectively prevented, even under the most difficult climate conditions. METASYS membrane dryers are maintenance-free.

# METASYS solutions

## META Air 70 / META Air 150



### META Air 70

- META Air 70, order no: 03020002
- META Air 70 Light, order no: 03020001
- 3,000 hours service kit 70 + valve block (complete), order no: 50080145
- Filter cartridge replacement kit, order no: 50080150

### META Air 150

- META Air 150, order no: 03020004
- META Air 150 Light, order no: 03020003
- 3,000 hours service kit 150 + valve block (complete), order no: 50080146
- Filter cartridge replacement kit, order no: 50080151



META Air	70	70 Light	150	150 Light
Tank capacity	30 l	30 l	30 l	30 l
Electric motor power	0.75 kW	0.75 kW	1.5 kW	1.5 kW
Delivery rate	78 l/min	85 l/min	152 l/min	170 l/min
Dimensions (L x D x H)	40 x 64 x 72 cm	39 x 57 x 72 cm	40 x 64 x 72 cm	39 x 57 x 66 cm
Power supply	230 V	230 V	230 V	230 V
Frequency*	50 Hz	50 Hz	50 Hz	50 Hz
Pressure range	5-7 bar	5-7 bar	5-7 bar	5-7 bar
Sound level	69 dB(A)	69 dB(A)	69 dB(A)	69 dB(A)

\* also available with 60 Hz

# METASYS solutions

## META Air 250 / META Air 450



### META Air 250

- META Air 250, order no: 03020006
- META Air 250 Light, order no: 03020005
- 3,000 hours service kit 250 + valve block (complete), order no: 50080147
- Filter cartridge replacement kit, order no: 50080151



### META Air 450

- META Air 450, order no: 03020008
- META Air 450 Light, order no: 03020007
- 3,000 hours service kit 150 + valve block (complete), order no: 50080148
- Filter cartridge replacement kit, order no: 50080151

META Air	250	250 Light	450	450 Light
Tank capacity	50 l	50 l	100 l	100 l
Electric motor power	2.2 kW	2.2 kW	4.4 kW	4.4 kW
Delivery rate	225 l/min	250 l/min	450 l/min	500 l/min
Dimensions (L x D x H)	52 x 68 x 96 cm	52 x 52 x 96 cm	65 x 102 x 79 cm	55 x 102 x 72 cm
Power supply	230 V	230 V	400 V**	400 V**
Frequency*	50 Hz	50 Hz	50 Hz	50 Hz
Pressure range	5-7 bar	5-7 bar	5-7 bar	5-7 bar
Sound level	69 dB(A)	69 dB(A)	73 dB(A)	73 dB(A)

\* also available with 60 Hz / \*\* also available with 230 V

# METASYS solutions

## High Tech for modern dental offices

### META Air 650

- META Air 650, order no: 03020010
- META Air 650 Light, order no: 03020009
- 3,000 hours service kit 650 + valve block (complete), order no: 50080149
- Filter cartridge replacement kit, order no: 50080151



META Air	650	650 Light
Tank capacity	200 l	200 l
Electric motor power	6.6 kW	6.6 kW
Delivery rate	660 l/min	750 l/min
Dimensions (L x D x H)	85 x 140 x 92 cm	60 x 140 x 92 cm
Power supply	400 V	400 V
Frequency*	50 Hz	50 Hz
Pressure range	5 - 7 bar	5 - 7 bar
Sound level	73 dB(A)	73 dB(A)

\* also available with 60 Hz

## META Air models with cover

### Robust and quiet



META Air with cover

Modell	Order no:
META Air 70 Light with cover	03020101
META Air 70 with cover	03020102
META Air 150 Light with cover	03020103
META Air 150 with cover	03020104
META Air 250 Light with cover	03020105
META Air 250 with cover	03020106
META Air 450 Light with cover	03020107
META Air 450 with cover	03020108

## Maintenance

### Warranty for optimum operating safety and long service life!

To ensure optimal performance and a long service life of the META Air compressor, replacement of the valve block is recommended after 3,000 operating hours.

The terms and conditions of METASYS require a yearly replacement of the filter cartridges. The warranty period is 3,000 operating hours, or a maximum of 3 years.

# METASYS ... makes the difference!

**Amalgam separation technologies**

**Dry and wet suction systems**

**Compressors**

**Water decontamination**

**Automated hygiene systems**

**Hygiene and disinfection**

**Amalgam recycling**

METASYS has established itself worldwide as a producer of high quality dental products.

Main part of the corporate identity is the high sensibility for environmental problems which can be noticed in all our products and services. Our high-grade technologies protect our water reserves from contamination through mercury and dangerous chemicals as well help avoid unnecessary drinking water waste.

Especially with amalgam separation, METASYS still sets new standards. METASYS is still known as one of the leading companies concerning amalgam separating technologies.

To meet the demands of both customers and the market, METASYS meanwhile offers a wide range of products around dental office equipment: suction systems, compressors, hygiene systems, water decontamination systems and a wide range of disinfectants.

With ECOTRANSFORM, METASYS offers also a complete recycling system for amalgam. A special amalgam recycling plant processes dental amalgam waste according to the law.



## **METASYS Medizintechnik GmbH**

**Florianstraße 3, A-6063 Rum bei Innsbruck**

**Phone: +43 512 205420 - Fax: +43 512 205420 7**

**[www.metasys.com](http://www.metasys.com) - [info@metasys.com](mailto:info@metasys.com)**

### **GERMANY**

**METASYS Medizintechnik GmbH**

**Ahornstraße 19**

**85614 Kirchseeon**

**Phone: +49 2236 37 42 42**

### **FRANCE**

**METASYS France S.a.r.l.**

**9, bd E. Michelet**

**69008 Lyon**

**Phone: +33 4 37 90 22 15**

### **ITALY**

**DENTAL ECO SERVICE ITALIA S.R.L.**

**Florianstraße 3**

**6063 Rum bei Innsbruck**

**Phone: +39 045 981 4477**