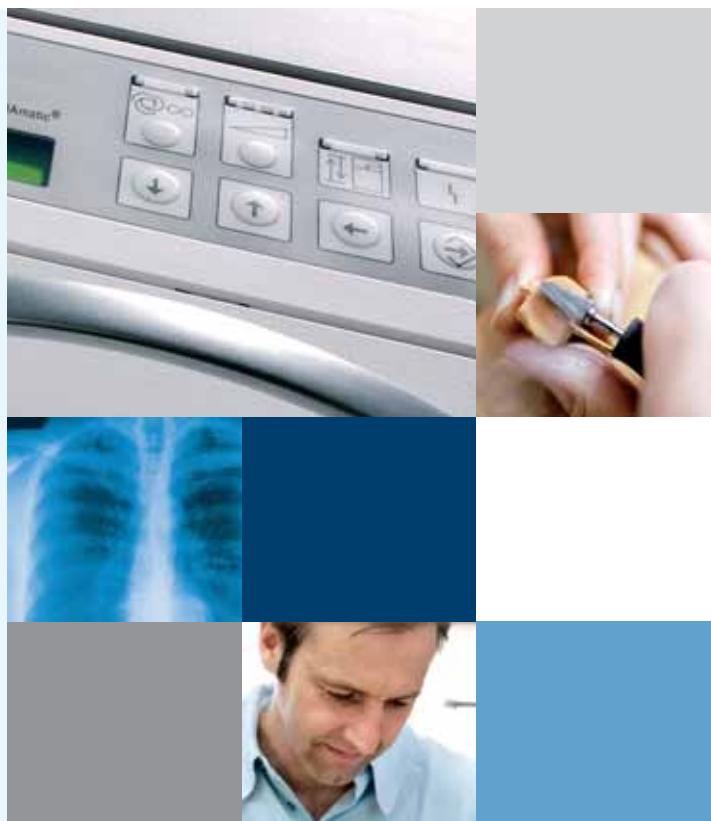


KaVo EXTRAmatic®

The extractor  
unit with that  
little bit extra.



KaVo. Dental Excellence.

Dust knows no bounds:

# Your health requires reliable protection!

The finest dust particles pose the greatest risk.

For dental technicians working with cobalt, nickel, beryllium or quartz, perfect extraction is essential.

Substances, such as gypsum, gold and plastic also affect the health of you and your colleagues.

Safety limits are quickly exceeded.

The limits specified in DIN EN 60335 and DIN JEC 61J/94/CD are much lower than you might expect. The maximum concentration of quartz allowable in the workplace is only 0.00015 g/m<sup>3</sup> of ambient air.

The industrial guide for concentration of nickel only 0.0005 g/m<sup>3</sup> of very fine particles in the ambient air; permitted concentration of cobalt is 0.0001 g/m<sup>3</sup> of ambient air. Concentrations above these limits can have fatal effects including poisoning, allergic reactions and cancer.



Lungs are at risk.

Very fine dust particles pose a particular threat to the lungs.

Fine dust (i.e. particles smaller than 5µm) constitutes only a fraction of the dust inhaled in a typical laboratory. Its fineness means that it easily reaches the deepest respiratory tracts – the alveolar region – where it can trigger pneumoconiosis, a chronic respiratory disease, as a result of constant tissue reaction.

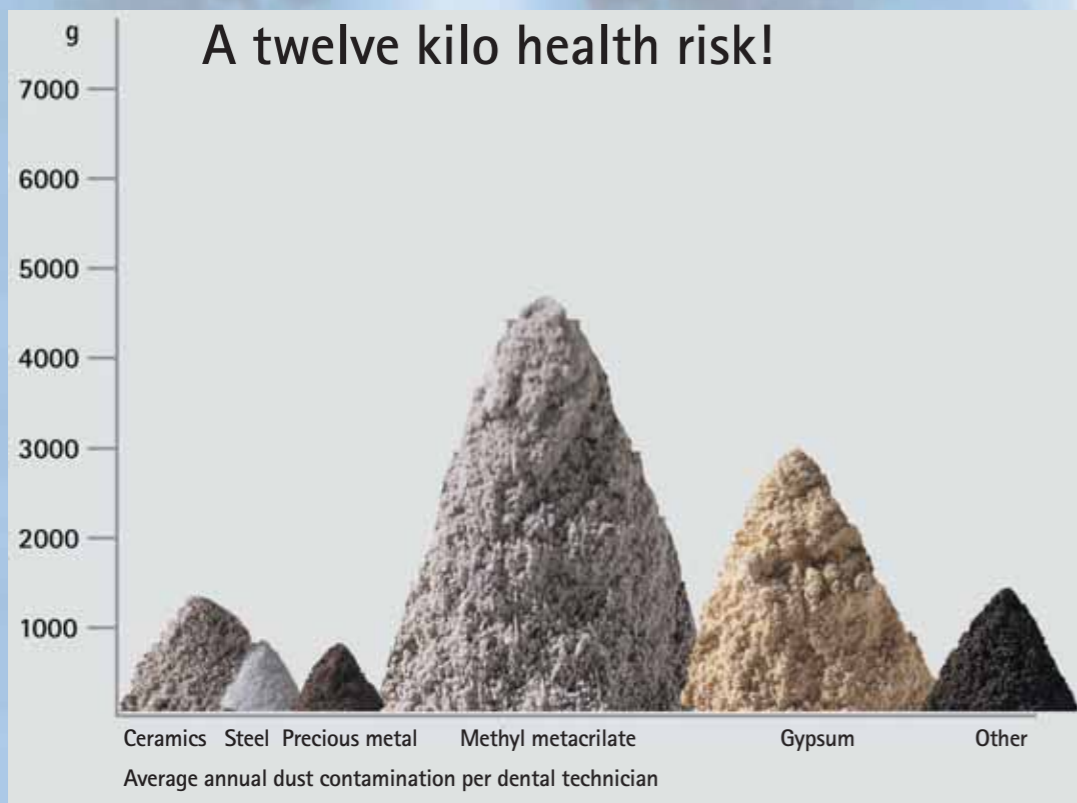
Ensure completely protection of yourself and your laboratory team. With KaVo extractor units.

KaVo EXTRAmatic®:

# Works for longer!

An impressive feature of the new KaVo EXTRAmatic is its brushless motor which considerably increases both running time and cost-efficiency.

There are four models in three different sizes, offering you great return on investment.



## Dust contamination

The average annual dust contamination for a dental technician is incredibly high: 12 kg of hazardous substances.

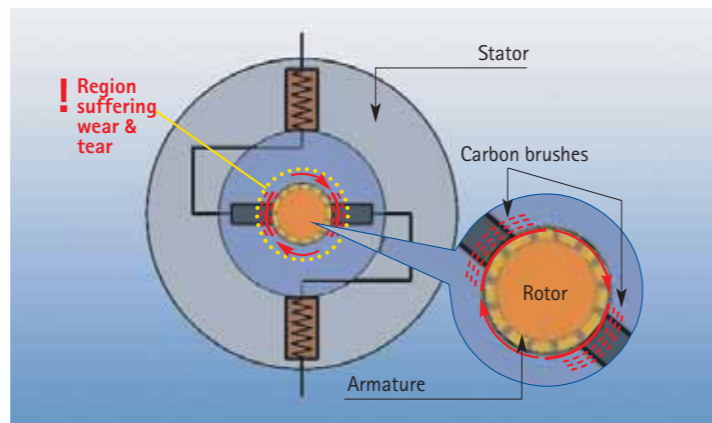
The new generation:

# Equipped with brushless motors!

Carbon brush motors are becoming a thing of the past.

The carbon brushes supply the commutator with electricity through constant contact. This mechanical friction causes a great deal of wear and tear.

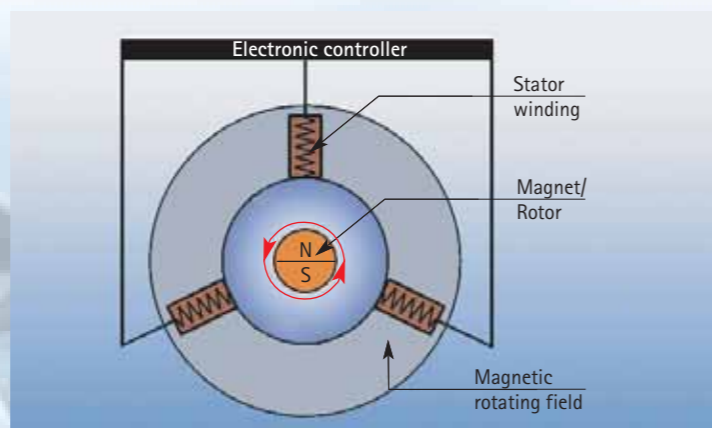
The commutator supplies electricity to the armature.



The new brushless motors:

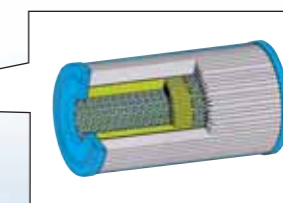
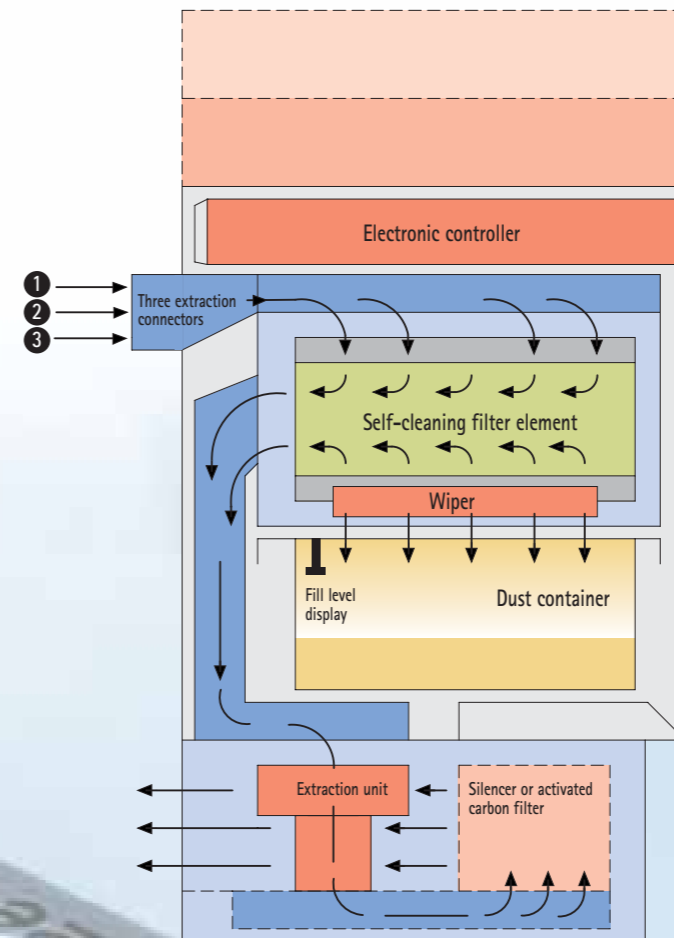
The rotating magnetic field is generated electrically by the stator windings.

Because the magnet is not in direct contact with the rotating magnetic field, no friction is generated and the brushless motor experiences almost no wear and tear. This results in a significantly longer running time.



First class, cost effective technology:

# Highly efficient, self cleaning extraction system!



ABSORBA long-term filter

The ABSORBA long-term filter system has an integrated duplex safety sieve, guaranteeing maximum health protection.



## Benefits for dental technicians

- No need to replace carbon brushes.
- Minimal spare parts costs over the entire product life thanks to the long-lasting motor.
- Minimal servicing and maintenance costs.
- Minimal down time.



## Benefits for the lab

- Particularly suited for use in multiple shifts and continuous operation.
- Significantly longer product life through no mechanical friction.
- Less down time and greater reliability.



## Purified, recycled air.

Enjoy the benefits from extracted, purified air. Instead of wasting expensive, centrally heated air, the purified, extracted air is recycled back into the laboratory. This is made possible by the KaVo EXTRAmatic Air Circulation Mode, with or without activated carbon filter. There is the option of venting the extracted air via a tube, through an external wall.

## Self-cleaning and money-saving.

The filter's intelligent self-cleaning system is just one example of KaVo user-orientated innovation. The EXTRAmatic long-term filter performs a regular cleaning cycle. Ensuring continuous efficiency and clean air.

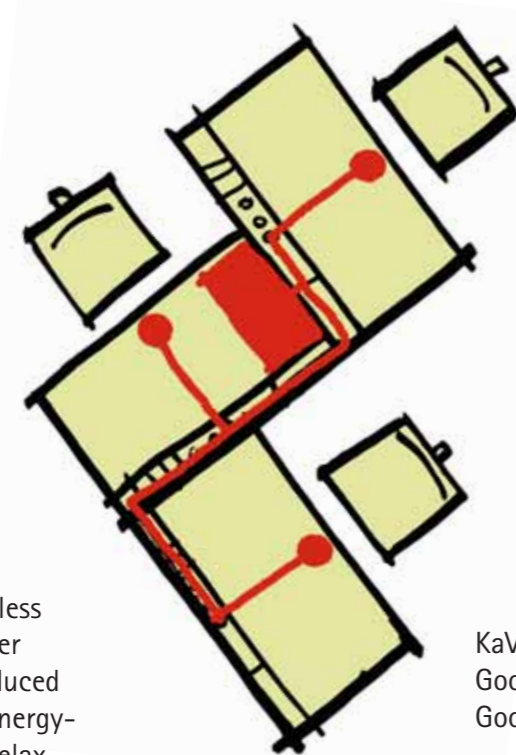
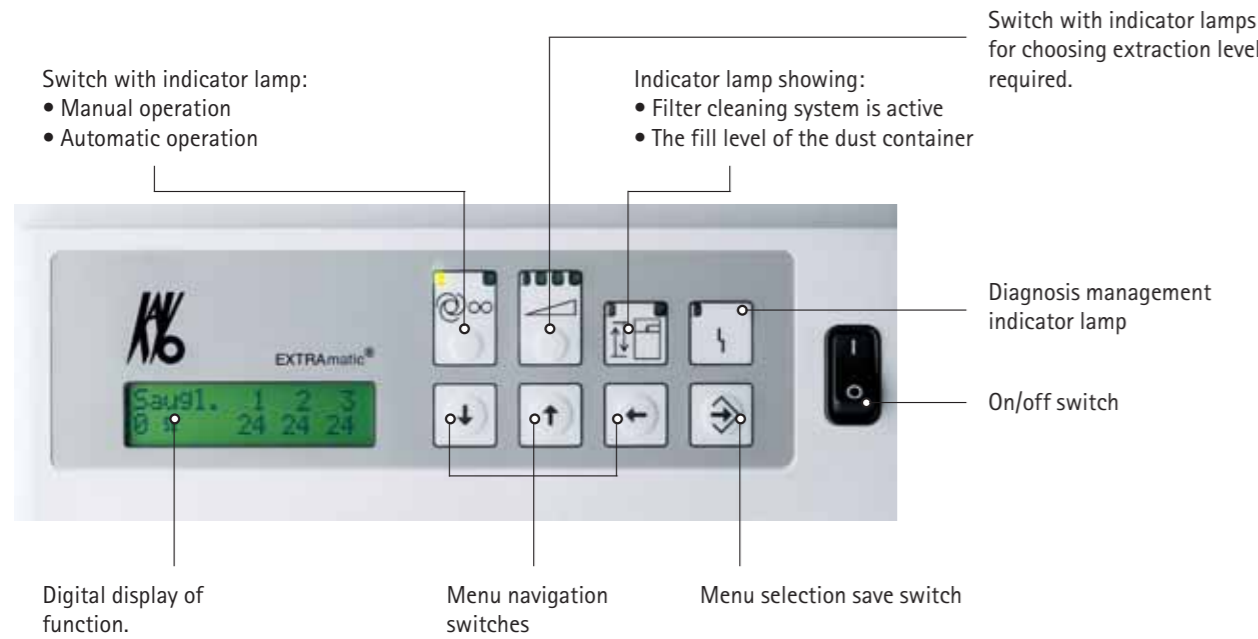
## Energy-saving!

The KaVo EXTRAmatic helps save energy. The flexible extraction unit immediately adapts to every requirement. When a grinder starts up, the extraction point opens, and, after use, switches off automatically. KaVo EXTRAmatic. State-of-the-art technology.



# The extraction level you need: High-precision extraction management!

The functional display allows you to set the exact extraction level required, quickly and easily. The KaVo EXTRAmatic can be set to whatever extraction level is needed.



KaVo EXTRAmatic:  
Good for health.  
Good for service.

There are many types of extraction systems. However, truly great extraction units set themselves apart through a combination of optimum extraction capabilities and high functionality.

The KaVo EXTRAmatic unit is the perfect example... A multi-user extraction unit with three extraction points to guarantee optimum extraction levels.

Where ever used in the laboratory, whether in workstation or service areas – its performance is impressive.

With the economic benefits of the brushless motor, automatic filter cleaning systems, reduced servicing costs and energy-save mode, you can relax safe in the knowledge that you are opting for the best solution. Why compromise?

# The new KaVo EXTRAmatic®: An out-and-out winner!

The KaVo EXTRAmatic is available in three different heights: 760, 835 and 910 mm.

At 225mm wide and 600mm deep, it fits neatly into any laboratory space, whatever the layout.

With its silver-grey colouring, EXTRAmatic FLEXspace® 760 blends perfectly with the entire KaVo FLEXspace® laboratory equipment range.



EXTRAmatic 760  
Order number 1.003.3001  
760 x 225 x 600mm



EXTRAmatic FLEXspace® 760  
Order number 1.003.5558  
760 x 225 x 600mm



EXTRAmatic with coloured back panel  
Order number 1.002.4220



EXTRAmatic 835  
Order number 1.003.3002  
836 x 225 x 600mm



EXTRAmatic 910  
Order number 1.003.3003  
910 x 225 x 600mm

## Technical Data

Dimensions (W/D/H):	225/600/760-790mm 835-865mm 910-940mm (30mm adjustable range)
Weight:	48kg/49kg/50kg
Voltage ranges:	100V 50-60Hz 120V 60Hz 230V 50-60Hz
Nominal power:	Max. 1100 Watt for extraction; max. additional 1900 Watt for connected implements. Nominal consumption power: Max. 3000 Watt
Protection class:	I
Contamination level:	2
Surge category:	II
Filter area:	1.4m <sup>2</sup>
Max. negative pressure:	120mbar
Extraction level:	Level I 24 EU* Level II 36 EU* Level III 48 EU* Level IV 72 EU*

\*EU = 1 extraction unit is approx. 1 l/s

# Flexibility and variety: Tailored and enhanced to your needs!

The EXTRAmatic is easily integrated into any facility. There is a wide selection of door and handle colours to choose from, offering you the utmost flexibility – even with non – KaVo installations.

Plastic handle for MASTERSpace®



Aluminium handle for FLEXspace®



Available door colours for MASTERSpace®



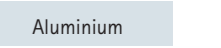
Available handle colours for MASTERSpace®



Available door colours for FLEXspace®

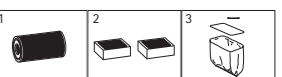


Available handle colours for FLEXspace®



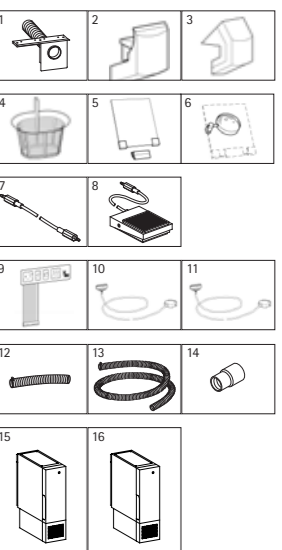
## Disposables

1	ABSORBA long-term filter (replacement)	0.657.1142
2	Activated carbon filters (pack of 2)	0.657.1152
3	Waste disposal set	0.657.0951



## Accessories

1	Separator module for non-KaVo installations	1.000.9904
2	FLEXspace®/MASTERSpace® extraction hood, front of bench	0.653.2010
3	FLEXspace®/MASTERSpace® extraction hood, on-bench	0.653.2020
4	Gold micro sieve	0.653.2432
5	Protection shield with holder	0.659.2610
6	Magnifying lens (for clamping to protection shield)	0.651.0230
7	K-Control connecting cable	1.000.7198
8	Foot switch	1.000.3147
9	Remote control panel	0.657.3772
10	Cable set, 4m long (for external remote control panel)	0.691.4642
11	Cable set, 7m long (for external remote control panel)	0.691.4702
12	Ø 42mm hose: 1.2 m long	0.695.1402
13	Ø 50mm hose: 5 m long	0.695.1422
14	Reduction Ø 42/Ø 50	0.224.6597
15	760 FLEXspace® silver grey back facing	1.002.4220
16	760 Carrara back facing	0.657.0201



KaVo EXTRAmatic®:

# Offering you serious return on investment!

Opting for a KaVo EXTRAmatic extraction unit is the right decision however you look at it.

Health benefits, flexibility and cost efficiency – KaVo's first-class technology offers your laboratory all this and more.



## Benefits to health

- The ABSORBA long-term filter system has an integrated duplex safety filter, guaranteeing maximum health protection.
- With the optional activated carbon filter, the KaVo EXTRAmatic is able to extract a wide range of materials and chemical vapours simultaneously.

## Cost efficiency

- An automatic activation mechanism means that the extraction motor runs only when suction is required, saving valuable energy and making it more efficient than other central extraction systems.
- The intelligent KaVo self-cleaning system saves you money on filter and disposal costs on a daily basis.
- You can choose to have the purified, extracted air recirculated back into your laboratory, or vented externally.

## Flexibility

- Extraction levels can be programmed individually for each extraction point, thus offering perfect extraction management.
- Practical accessories mean that the KaVo EXTRAmatic can be integrated into KaVo MASTERspace® and FLEXspace® laboratory benching programmes and any non-KaVo workplaces.

**KaVo: Your specialist  
for single and multi-  
user dust extraction**

KaVo EXTRAmatic®

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