



## FILTER SYSTEM BEAUTY LINE

Filtronic filter system Beauty Line cleans the air from pollution which occurs around nail therapists and manicures. Most components of acrylics are irritating for eyes, skin and respiratory passages and give symptom such as eczema, dry mucous membrane and asthma.

Beauty line is simple to install and use, it works quietly and contributes to a healthy environment in the salon for both personnel and customers.



***For better workbench environment!***



## FILTER SYSTEM BEAUTY LINE



### Rigid plastics

There are many different kinds of rigid plastics for different uses. Common to all of these plastics is that they are all manufactured using one or more components which react together and combine to form rigid plastic.

One common rigid plastic is acrylic, which is used for nail sculpturing to build up artificial nails. The acrylic is hardened through UV-light, visual light or by adding a hardener. Cyanic acrylic is used to glue the artificial nail on top of the natural nail.

When working with acrylics the risk of developing over-sensitivity is increased, it is therefore very important to know the risks and how to protect the operator from them.

## Filter system Beauty Line

A simple way to solve this problem of air pollution in the nail salons is to install Filtronic's filter system Beauty Line that cleans the air from dangerous gases and particles produced by nail sculpture and manicure. The filter system protects personnel from the pollutants emitted by the acrylics. The small particles that are invisible, but that cause most health hazards are efficiently caught and separated in the particle filter, the separation degree is 99,97 %.

The gases are effectively eliminated with Filtronic's unique gas filter which guarantees a satisfactory protection for both therapists and customers.

The filter system circulates the clean air after filtration, this results in lower heating costs compared to extracting the polluted air through a central system.

Filtronic's filter system is easy to install, just plug it in, fix the suction arm and start working. They are mobile, which is a big advantage if you change working

area often or obtain new premises. If you connect suction arms to a central system it usually needs a lot of expensive rebuilding if you want to move. The filter systems are discreet and the sound level is very low.

The extraction arm is light and flexible and can be fixed in the required position, so as to be as close as possible to the pollutant source and capture gases and particles to prevent them from spreading to customers and co-workers.

Several nail therapists have had problems with asthma and dry mucous membranes but when installing a filter system from Filtronic, their problems are gone. Their co-workers are also satisfied as they are not exposed to the unhealthy substances anymore.

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### Health risks

Many people who work with acrylics aren't aware of the risks. It's usually not the finished product of rigid plastic that is dangerous, but the chemical components that are mixed together to form the plastic.

It is also important to remember that the odour free gels are acrylics. Most components in acrylics are irritating for eyes, skin and respiratory passages and give symptoms such as eczema, dry mucous membrane and asthma. Irritation occurs due to exposure to gases or aerosols, also dust that appears when grinding nails gives these symptoms if unreacted chemical components are left in the nail.

In a nail salon there are other dangerous substances; for example; nail polish, nail strengtheners and polish remover can also give problems for the operator and client.

To know what the products contain and what risks they constitute, always ask the supplier for a MSDS (Material Safety Data Sheet).



# Filter system Beauty Line

**BEAUTY LINE No 1** Complete filter system with nozzle and extraction arm attached directly to the filter unit.

**BEAUTY LINE No 2** As No 1 but with equipment for two work places.



**BEAUTY LINE No 3** Complete filter system with nozzle and extraction arm attached to the work table.

**BEAUTY LINE No 4** As No 3 but with equipment for two work places.



## FILTER SYSTEM BEAUTY LINE

### Technical data

Max suction capacity, m <sup>3</sup> /h	100
Sound level dB(A) at 1 m	38-49
Micro filter, separation degree %	>99,97
Gas filter - separation degree, %	>95
Power, W	100
Voltage, V	100/240
Height, mm	621
Width, mm	460
Depth, mm	227
Weight, kg	19
Warranty, except for filters, years	2

*"When I started as a nail therapist I was affected by asthma and I had to use asthma medicine everyday. I contacted Filtronic and tested their filter system, it quickly showed that when the smell and dust were extracted my asthma disappeared.*

*I can warmly recommend nail therapists and others who work with these substances to turn to Filtronic, and use their expertise get a good filtration solution for the workplace. Filtronic is professional and very ambitious in their work to find a solution that fits all.*

*Think about your health and the health of others."*

Sarah Ström Tangberg

Nail therapist, Gothenburg and Älvängen

Filtronic AB is striving to create a better workbench environment by developing and producing particle and gas filter systems of very high quality. The filter systems are easy to use and install, have a low noise level and a guaranteed function. Read more about us and our products at [www.filtronic.se](http://www.filtronic.se)



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