



bkm[®]

BACTERIA KILLER MACHINE

**Professional
LINE DEVICE**

**Countertop
electron generators
in open rooms
up to 400 m²**

bkm300 bkm900 bkm900X

Validated by:



Istituto Zooprofilattico
Sperimentale delle Venezie



IDROBASE[®]
PASSION FOR WATER



Professional LINE DEVICE

The action of BKM

Approved by:



The action of BKM 300, 900, 900X

This electron generators quickly and effectively reduces carbon-based contaminants, providing fresh, clean air in only minutes.

What are carbon-based contaminants?

Some of the more familiar carbon-based contaminants include **mold, bacteria, viruses, odors and volatile organic compounds**. BKM uses a revolutionary technology developed by NASA and improved by AHMPP (Advanced Hydrated Molecular Photo Promoter).

This technology is not based on filters and is practically maintenance-free. In fact, in many circumstances it reduces the contaminants more efficiently than a HEPA filter (high efficiency particulate filters), considerably lowering the replacement costs, since the air is not filtered, not forced by demanding fans or large purifiers. **This creates strong energy savings.**

The BKM "Professional line device" is easy to use. There are no complicated settings to understand, or perform routine maintenance, or filters to change or clean. The device switches on with the activation of a single switch. The only maintenance required is to change the AHMPP cell every two years. The built in audible alarm indicates when the AHMPP Cell is ready for replacement. This air purifier is virtually maintenance free!



Professional LINE DEVICE

Where to use BKM's
"Professional line device"

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BKM 300

Countertop electron generators cleans the air in open rooms up to 100 square meters.

Where to use BKM 300:

- Baby nurseries
- Living rooms
- Master bedrooms
- Offices
- Surgeries
- Kitchens

BKM 900

Countertop electron generators cleans the air in open rooms up to 300 square meters.

This includes great rooms, homes with open floor plans, large living areas, large office areas etc. This model is also ideal for smaller areas with higher than average contaminant levels.

Where to use BKM 900:

- Areas less than 300 m² with higher contaminants levels
- Large offices
- Wineries
- Clinics and hospitals
- Bars and large kitchens
- Nurseries
- Large shops
- Ice cream bars

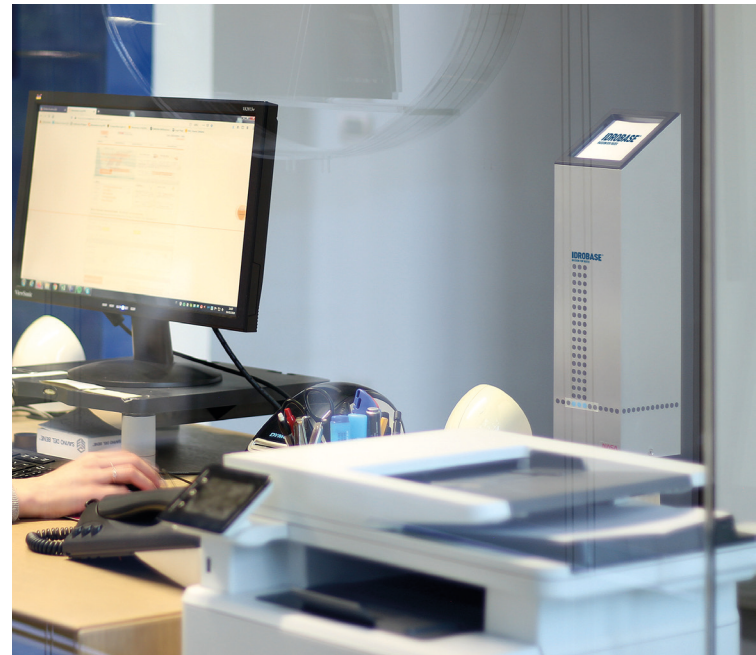
BKM 900X

Countertop electron generators cleans the air in open rooms up to 400 square meters.

This includes great rooms, large commercial spaces, childcare facilities and nurseries, animal clinics, dog houses, restaurants, bars, beauty salons, hotels and other areas with a high number of occupants or strong smells etc. This model is also ideal for smaller areas with higher than average contaminant levels.

Where to use BKM 900X:

- Large offices
- Areas less than 400 m² with higher contaminants levels
- Clinics and hospitals
- Bars and large kitchens
- Kindergartens
- Large shops
- Ice cream bars



Professional LINE DEVICE

Specific Features

Approved by:

- **Easy to operate**
- **Whisper quiet**
- **Audible alarm indicates when AHMPP Cell should be replaced**
- **Zero maintenance for 2 years**
- **Durable construction**
- **Internal metal components ensure long term use**
- **2 years warranty**

Dual proprietary technologies:

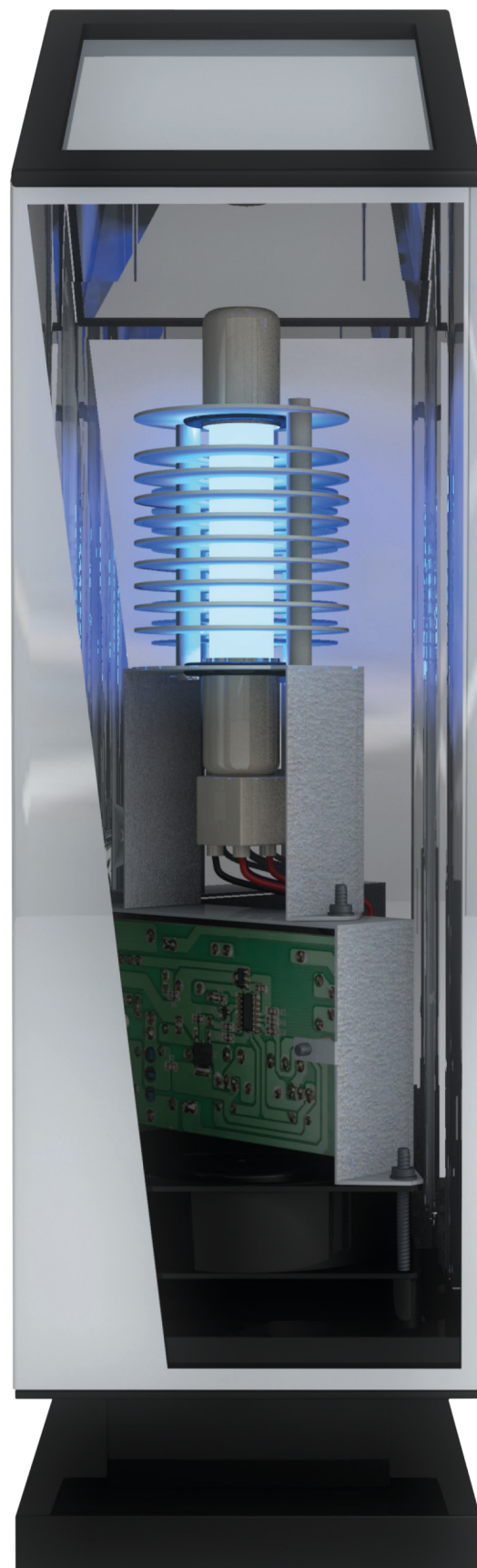
1. Nano AHMPP Technology

The nano AHMPP BKM catalyst is superior to any PCO catalyst currently on the market. The nano AHMPP contains six rare catalyst metals. We also incorporate nano size particles and a special hydrating agent to increase the kinetic rate of reaction providing clean air fast!

The photocatalytic activity and therefore even that biocide have been remarkably improved by reducing the size of TiO₂ particles, from micro to nano. The assembly of nanometric constituents they are characterized by large interface areas (large surface/volume ratios) of the order of hundreds or thousands of squares meters for every cubic centimeter. Particle size reduction of TiO₂ leads to an increase in its surface area, resulting in improvement of photo-efficiency and, therefore, of photocatalytic properties.

2. Germicidal UVC Light

Our AHMPP™ technology is a specialty coating applied to all of our germicidal lamp products, eliminating the common problem of accelerated depreciation associated with higher intensity lamps. A standard quartz lamp maintains 65% of its UVC output at 9,000 hours. By utilizing our technology, our UVC lamps maintain up to 80% of their output up to 16,000 hours.



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