What is the ecoray® System?

- It is a totally ecological cleaning system that can be mounted on the Grande Brio scrubber dryer range & Willmop part of the tools range.
- The Ecoray System® uses ultraviolet energy (UV-C) with a 260 nm frequency, the most germicidal wavelength.
- Wavelength "C" targets the DNA of micro-organisms, causing cell death.

Reason to choose the Ecoray System®

- Removes bacteria and mould.
- Does not pollute.
- Increases Indoor Air Quality.
- Does not produce ozone.
- Does not affect occupants of buildings, structures or environments.
- Reduces costs cutting out the use of chemicals .
- Does not need to be cleaned.
- Provides up to 9000h of high use performance.
- Reduces and eliminates symptoms related to:
  - Allergies
  - Asthma
  - Other diseases

  caused by mould and bacteria produced by the biological elements and chemicals.
- Reduces the transmission of infectious diseases caused by bacteria and viruses.
- Hypo-allergenic.
- Eliminates organic odours.
- No staff training required - Autonomous with brushes

Testing the Ecoray System®

The CRO National Cancer Institute (Centro di Riferimento Oncologico) is one of 2 regional research institute hospitals in North-East Italy. Officially recognised by the Italian Ministry of Health, the CRO works to improve public health by advancing medical knowledge, providing outstanding speciality medical care, and preparing tomorrow's physicians, scientists and other health professionals in the field of oncology.

A test carried out with the ECORAY SYSTEM (using just water) on two different floors of the Centre detected an average reduction of 96.5% of the total microbial load.

- Test A: Eliminated 100% of the total microbial load on 7 of 10 points analysed.
- Test B: Eliminated 100% of the total microbial load on 3 of 10 points analysed.

Situation A		
Public Access Area		
	Before Ecoray	**After Ecoray**
Sampling points	Colonies of bacteria/ 24 cm^2	Colonies of bacteria/ 24 cm^2
Point 1	**39**	**0**
Point 2	**33**	**5**
Point 3	**40**	**0**
Point 4	**36**	**0**
Point 5	**22**	**0**

Situation B		
Restricted Access Area		
	Before Ecoray	**After Ecoray**
Sampling points	Colonies of bacteria/ 24 cm^2	Colonies of bacteria/ 24 cm^2
Point 1	**16**	**0**
Point 2	**15**	**0**
Point 3	**13**	**1**
Point 4	**8**	**1**
Point 5	**9**	**0**

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