



## Genano Customer Case

# Exceeding expectations in Mannheim Universitätsklinikum

The clinical Radiopharmacy department of the Clinical Radiology and Nuclear Medicine Institute of the university clinic Mannheim needed to reduce the number of particles in the production process.

The institute wanted to follow Good Manufacturing Practice (GMP) guidelines for radiopharmaceuticals according to the German and international guidelines to improve air quality in a special manufacturing sector.



99 We achieved much better results than we had to achieve following GMP.

- Prof. Björn Wängler

The amount of particles in the size range between 0,5µm and 5,0 µm is relevant for the GMP-section.

The head of of Radiopharmacy department Prof. Dr. Björn Wängler decided to install a Genano 5250 device in the laboratory.

After running a detailed test pattern the customer was extremely satisfied with the results.

In using the Genano air decontamination device 5250 a significant lower deviation of the GMP limits was achieved.

ISO class 7 was achieved with < 350.000 particles 0,5 µm/ m<sup>3</sup> in the specific test room.

### About the clinic

- Mannheim Universitätsklinikum consists of 30 clinics and covers the full spectrum of care areas and special clinics
- As a non-land owned university clinic is operated by the town of Mannheim for the patients of Mannheim and the metropolitan area in the Rhein-Neckar-triangle.
- The main emphasis of GMP are amongst others the requirements for hygiene, the facilities, the equipment and certainly the air quality.

This result was even better than the requirements of the provincial health office.

The mobile air decontamination unit was also easy to take into other departments to improve the Indoor Air Quality wherever needed.

More information on Genano air purifiers:  
[www.genano.com](http://www.genano.com)