

Consistently implemented plastics expertise:
Cleanroom Production (DIN EN ISO 14644
Class 7, GMP Standard – C). Progress for your
success – Pöppelmann FAMAC®.



When you need it extra clean: **Our Cleanroom Production** (DIN EN ISO 14644 Class 7, GMP Standard – C).

Pöppelmann FAMAC® develops and manufactures premium plastic functional components and packaging for the medical and pharmaceutical sector. To meet the highest demands in the cleanliness of the plastic components, Pöppelmann FAMAC® uses clean room conditions.

Since October 2004, Pöppelmann FAMAC® has been producing under cleanroom conditions. The injection

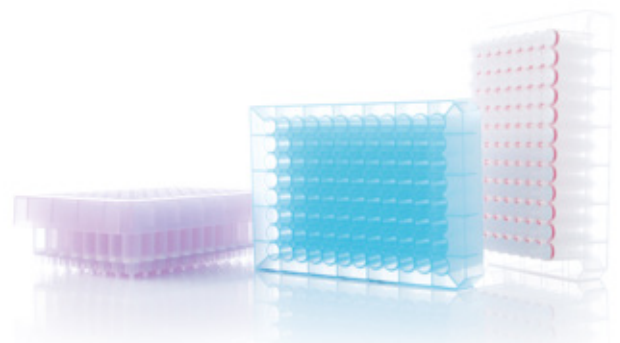
moulding machines and all control cabinets, auxiliary devices etc. are located outside of the cleanroom. This reduces the power requirements and operating costs of the air conditioning. Retrofits and subsequent extensions of the machine can be carried out without any restrictions so that customers' requirements are accommodated in a flexible manner. The tooling area outside of the cleanroom is easily accessible for tool change and

maintenance purposes without any deterioration of the work process in the clean room and thus the quality of the plastic components. A damage to an injection moulding machine or an additional system will not result in a contamination of the cleanroom. Filter systems ensure a particle and germ concentration pursuant to DIN EN ISO 14644-1 – Class 7 and Class C of the EC GMP, i.e. less than 350,000 particles/m³ down to a size of 0.6 µm.



Reaction vessels

Reaction vessels are important tools in biomolecular or biochemical laboratories. Among other features, characterized by a high leak tightness. Reaction vessels used in the cleanroom must be of extreme cleanliness and dimensional stability.



Filter plates

These plates are used for many different microbiological processes. Typical applications include the growing of cells, or the screening of technical bioreactions. Because of the different applications in connection with other components, extreme dimensional stability is required.



Fully automatic handling system

Clean air is supplied to the tool area via suspended particle filters. After demoulding, the good parts drop onto a fully enclosed conveyor belt suitable for use in cleanrooms. Optionally, a handling robot may be used to demould complex or sensitive parts and to place them on the conveyor belt.



Product airlock

The injection moulded parts are transported on conveyor belts into the cleanroom for further assembly and packaging. There, they are put into a double film bag. After passing the airlock, they are transported by conveyor belt into the secondary area, packed in cartons, and stored

A successful family-owned company: Focusing on people.

Pöppelmann – a strong and reliable partner. Since 1949 the family-owned company Pöppelmann with 5 production sites and 550 injection moulding, thermoforming machines and extruders has proved itself to be a leading manufacturer in the plastic processing industry. In more than 90 countries the quality “made by Pöppelmann” is appreciated. More than 1,900 highly qualified employees stand for our success.



More than 1,900 Pöppelmann employees stand for productivity, quality and service.



Germany, Plant 3 (FAMAC®):
Pöppelmann GmbH & Co. KG, Lohne

Our Pöppelmann FAMAC® business division develops and manufactures technical functional components and packagings for the food, pharmaceutical, cosmetics and medical industry. To this end, the introduction and implementation of a quality management pursuant to DIN EN ISO 9001:2008 and of a hygiene management system in accordance with the Codex Alimentarius has been certified by an independent institute.



Germany, Plant 1: Pöppelmann GmbH & Co. KG, Kunststoffwerk-Werkzeugbau, Lohne