

SKAN AG

MODULAR BUILD ISOLATORS: WITH THE PSI-M, SKAN AG IS INTRODUCING FOR THE VERY FIRST TIME, A MODULAR ISOLATOR SYSTEM TO THE MARKET. AN ISOLATOR SYSTEM WHICH HAS BEEN DEVELOPED ESPECIALLY FOR ASEPTIC AND ASEPTIC-TOXIC APPLICATIONS. IN THIS NEW DEVELOPMENT THE KNOW-HOW OF OVER 40 YEARS OF EXPERIENCE IN SOLVING PROBLEMS IN THE CLEAN ROOM TECHNOLOGY HAS BEEN APPLIED.

It was still missing: a modular build isolator system

The new isolator system available as 2 or 4 glove version can be equipped without air locks, with 1 air lock (on left or right side) or with 2 air locks. The customer gets only what he really needs and can extend the system with air locks at a later stage when the requirements on the process change. All connections for this extension are already in place.

For toxic applications the new filter box system FIBO allows a filter change with no contamination of user and environment and is easy to use.

A record for loading via air locks

Before an isolator can be loaded through an air lock the system has to be decontaminated with hydrogen peroxide (H₂O₂). A typical isolator has a decontamination cycle time of approx. 2-3 hours. The new safe and rapid air lock on the PSI-M performs a full cycle within 15-20 minutes to a 6log reduction. This has a direct effect on production capacity of the process since the isolator chamber (which requires up to 3 hours of decontamination time) can be kept closed during loading and unloading.

Applications

The main application fields of this isolator system are:

- Sterility testing lab
- Quality control lab
- Small scale filling (aseptic)
- Hospitals (cytotoxic preparation)
- Pharmacies

After shipment the PSI-M is installed and validated in approx. 6-8 weeks → and the isolator is ready for operation.

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