

[DATA SHEET]

FAMOS

Workstation System

Flexible And Modular Operating System. The modular enclosure platform for laboratory, production and development.

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OVERVIEW

One enclosure for everything

FAMOS is a consistent enclosure platform for a wide range of work processes in laboratory, production and development. Instead of building a bespoke construction for every task, the same structure is always used and only the interior is adapted to the application.

That saves engineering and procurement costs, shortens delivery time and gives you a uniform appearance across all workstations. When the application grows, the system is extended rather than replaced.

Key data

PRINCIPLE

modular platform

consistent enclosure structure

CONFIGURATIONS

bench, cell, fume hood

in various sizes

EXTENDABILITY

at any time

modules can be retrofitted

INSTALLATION

can be lined up

scalable workstation rows

OPERATING MODES

stand-alone or inline

manual to fully automated

AVAILABILITY

short delivery time

rapid commissioning

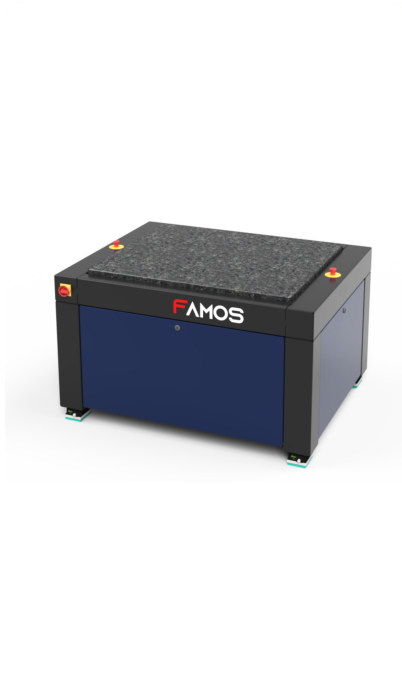
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SECTION 1

Configurations

Three basic forms cover the range from the open workbench to the enclosed process cell. All of them use the same enclosure structure and the same modules.



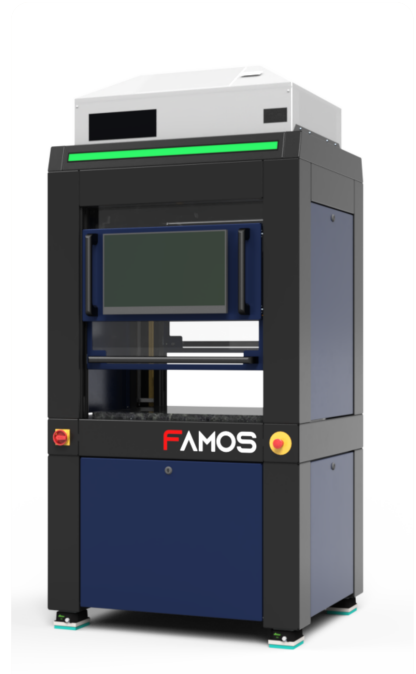
CONFIGURATION 1 Bench

Open workbench with an illuminated work surface. For manual tasks, assembly, visual and sample inspection. The entry point into the platform.



CONFIGURATION 2 Cell

Enclosed process cell with viewing window, operating panel and base cabinet. For automated sequences with axes, handling or inspection technology.



CONFIGURATION 3 Fume hood

Cell with a top module for air handling and filtration, an open working aperture and a perforated rear panel. For processes requiring extraction or clean air.

What they share

- **The same base structure** across all configurations: identical profiles, panels and connection points
- **The same modules:** lighting, controls, base cabinet and top units fit every configuration
- **The same appearance:** a uniform look across the entire machine park

Dimensional execution per configuration on request; the platform is available in various sizes.

SECTION 2

Structure, enclosure & operation

What is identical in every configuration.

Enclosure and structure

Construction	consistent enclosure structure of profile frames with inserted panels
Cladding	closed side and rear walls, front panels in the corporate colour
Viewing area	transparent window at the working level, open or closed depending on configuration
Rear panel	closed or perforated, for mounting holders and accessories
Base unit	cabinet module with door for storage and for the power supply and control system
Installation	height-adjustable machine feet; units can be lined up side by side

Operation and safety

Operating panel	display in the front panel at eye level, with process visualisation depending on the application
Status indicator	continuous signal light above the working aperture, readable from a distance
Emergency stop	mushroom-head button accessible at the front
Main switch	lockable, at the front
Work area lighting	integrated, glare-free and directed at the work surface

Technical data

Dimensions, working height, work surface load capacity, weight and power supply depend on the selected type. The binding values are defined per configuration and stated in the quotation.

Equipment & options

The interior is adapted to the application. The options can also be added later.

Environment and cleanliness

- **Flow box:** controlled air flow above the work surface, protection against dust and ambient influences
- **Extraction and filter module** as a top unit, for processes requiring extraction
- **Cleanroom-compatible enclosure** for applications with elevated cleanliness requirements

Handling and identification

- **Part feeding** for automated part changeover
- **Camera scanner for ID recognition**, for gapless assignment of part and measurement result
- **Motion systems:** XYZ linear axes or industrial robots inside the work area

Control and connectivity

- **PLC control** for integration into existing lines
- **Process visualisation** on the front display
- **Inspection and measurement technology**, for example the **FAOSI** inspection head for surface inspection to ISO 10110-7

Retrofit instead of replace

Because every module fits the same structure, an existing workstation can later be built out into an automated cell. The investment in the enclosure is preserved.

Applications & integration

The same platform from the laboratory sample to the production line.

Fields of use

Laboratory	measuring stations, analytics and first article inspection in a defined, shielded environment
Development	test set-ups that are built without a bespoke construction and reused later
Production	manual workstations, semi-automatic stations and fully automated process cells

Operating modes

- **Stand-alone:** an independent workstation with its own controls and status indicator
- **Inline:** integrated into an existing production line via PLC
- **Workstation row:** several units lined up into one continuous front

Example: surface inspection

With the **FAMOS** inspection head, the cell becomes a complete inspection station to ISO 10110-7: the head on the motion system, a flow box for cleanliness, a camera scanner for part assignment, evaluation and report generation through the software. From the manual workstation to inline inspection, the measurement technology stays the same.

FAMOS + FAMOSI = a complete system for standard-compliant series inspection

Enclosure, handling and measurement technology from a single source, with one contact for construction, commissioning and expansion.

SECTION 5

Indicative prices

Indicative prices, not quoted prices. The price depends on configuration, size and interior.

FAMOS base unit

Enclosure in the selected configuration with cladding, work area lighting, operating elements and base unit.

from CHF 15'000.–

Environment modules

Flow box, extraction and filter module or cleanroom-compatible enclosure.

on request

Handling and automation

Motion system, part feeding, camera scanner for ID recognition, PLC control.

on request

VAT not included.



YOUR NEXT STEP

The workstation you do not buy twice

Every bespoke construction costs twice: once when it is built and once when the application changes. **FAMOS** turns that around. You buy one structure and adapt what is inside it as often as you like.

One enclosure for everything

Manual workstation, inspection station or automated cell: always the same structure, the same modules, the same appearance. That saves engineering, spare parts and explanations.

Extend instead of replace

Flow box, part feeding, robot or measurement technology can be retrofitted. What you buy today as a workbench can be a fully automated inspection cell in two years.

Delivered quickly, not planned at length

Short delivery times and rapid commissioning, because the platform already exists and only the interior is engineered. Line them up when one workstation becomes a row.

Come and stand in front of it. Tell us what your process needs, and we will show you on the system how it fits in.

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