

Maxxis 5 – The process controller for the automation of weighing processes



Sartorius – The Only Global Choice for Accuracy and Precision

Across the world Sartorius is a renowned manufacturer of industrial weighing technology. With more than half a century of experience in industrial process weighing, our technology helps guarantee the quality of your products.



Advice and Expertise

Sartorius is personally available to you whenever, wherever. With experts around the world, no matter where you are, your personal contact can provide advice on:

- Configuration
- Engineering
- Technical drawings



At Home around the World

Our Global presence ensures your success on the ground. With a strong sales and service team familiar with your local requirements, you can rely on Sartorius to provide support and service anywhere in the world for:

- Commissioning
- Maintenance
- Repair



International Approvals

Our decades of experience have ensured that we are equipped with unrivalled expertise. This knowledge is ratified by the range of international approvals, country specific certificates or market specific versions which can be provided. Just some of our certification includes:

- OIML
- ATEX, FM
- GMP, GLP



Sartorius products are synonymous across continents and industries with reliability, longevity and accuracy. At every stage of the production line, from goods-in to goods-out Sartorius has a solution for your process.

The basic principles behind the majority of manufacturing facilities are often similar, but no two will ever be identical. Because of this, Sartorius

Industrial Weighing offers an extensive range of products, specifically tailored to your needs through consultation and in-depth investigation.

For all of your process weighing requirements we offer a complete solution:

- Extensive consultation from the start
- Market leading products for all operational environments and accuracies
- Flexible modern solutions for signaling, display and control
- Complete service provisions for the life of the device, alongside commissioning, training and maintenance
- Full integration of our components alongside your existing weighing solutions

Connectivity

Great process technology can only truly display its potential when it can fully integrate with the systems around it. For this reason Sartorius equips all of its products with connectivity options such as:

- Profibus-DP, Devicenet
- Profinet, Ethernet | IP
- Ethernet TCP | IP, Modbus TCP
- USB, SD, serial RS232, RS485



Total Solution Provider

At Sartorius we design our products to guarantee that their installation is both quick and simple. By providing standardised solutions we've already tried and tested the effectiveness of the approach on offer. This allows users to save time and money by removing the need for lengthy trial periods.



Special Solutions

Standard Sartorius solutions are designed to integrate into an extensive range of applications. For unique processes, specially designed units can be designed and built to your specifications. Mounting kits, platforms and much more can all be tailor made to fit your process.



Maxxis 5 – The Intelligent Process Controller for Every Application

The Maxxis 5 can be supplied with any of 6 standard applications pre-installed. These applications have been tested and perfected to ensure that you can integrate the unit directly upon delivery. However, for unique applications the Maxxis 5 can easily be re-programmed by your own technicians. Should you need any support with this task, Sartorius' software specialists will be happy to help you.

Standard Applications:



BATCHING

- Automatic and multi-component batching and formulation as a standalone or integrated solution
- Storage of recipes and components in databases
- Documentation on batching results, consumption and production
- Predefined batching procedures
- Control of processes directly or via plc
- Manual recipes with a coloured user interface and recalculation facilities.
- Material identification via barcode



IBC

- One component filling for receptacles such as big bags
- Fast, reproducible results
- Multiple interfaces for process connection and remote control
- Flexible control of screw feeders, batch valves and others, via digital or analogue signals
- Approval for automatic gravimetric filling instrument (AWI)



BASIC

- Easy operation via a wide range of connectivity options to data processing systems
- Custom label design for logos and pre-defined texts
- Acquisition of material consumption and yield through a direct link to existing ERP systems
- Internal alibi memory function
- Simple check function
- Tilt correction for weighing result (enabled via licence)

Freely Programmable

- Customise the Maxxis 5 using the IEC61131 programming language
- Modify the controller to suit your exact process requirements
- Powerful debug system with online debugging and runtime monitoring
- Graphical programming languages:
 - > Function Block Diagram (FBD) and Ladder
 - > Diagram (LD) as well as Structure Text (ST) and Instruction List (IL)



PHASE

- Automatic and multi-component batching and formulation applications in combination with recipe software (e.g. ProBatch+) or PLCs
- Standard S88 batching interface
- Receives and reports process | recipe data
- Display can be used to operate the process from the scale
- Remote start of recipes also via the scale



COUNT

- Integrated Count and Check procedures for platform applications
- Rapid response through visual elements such as coloured lights and bar graphs
- Flexible documentation and logging
- Easy connection to a PC based quality management system
- Custom label design for logos and pre-defined texts



TRUCK

- Advances the control of Truck scales
- Internal database for the storage of truck, product, address and on-site table reports
- Supports the filling of trucks on the scale
- Use Scale A, B and A+B
- Control of barriers or traffic lights
- Internal alibi memory
- Extensive statistical reports
- Connect digital Load Cells with DAT Features



Maxxis 5 – The Controller for Maximum Connectivity

Because no two processes are identical, Maxxis 5 can be supplied in a wide range of constructions. Panel mounted, table mounted or fixed to a bracket – There is always a Maxxis to suit your requirements. Like all Sartorius products, the Maxxis 5 will integrate alongside numerous other systems thanks to its wide range of connectivity options.

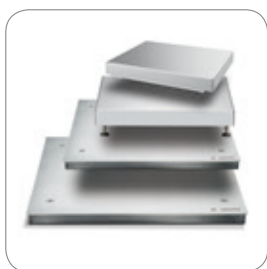


Integration

No process controller can claim to be truly multi-functional without the ability to take control of a wide range of process technology. The Maxxis 5 can work alongside load cells, platforms scales, hoppers and much more to simplify the day to day tasks along your production line.



Choose from Sartorius' extensive product catalogue or simply install the Maxxis alongside your existing infrastructure.



Rear view of a panel mounted Maxxis 5



Rear view with cable glands and EzEntry System



Rear view with cable glands and optional Ethernet connector



Connectivity at Your Finger Tips...

With the Maxxis 5, connecting to all other systems has never been easier. All inputs are clearly labeled and easily accessible via the rear of the controller. Simply plug in and define to see immediately all of the benefits a Maxxis 5 controlled system can offer you.



The Maxxis 5, displaying slimline design for panel mounting



The Maxxis 5 with multi-functionality bracket mounting



Table top mounting for the Maxxis 5, allowing easy everyday interactions

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