

Space4Win

UNIVERSAL MEASUREMENT AND CONTROL SOFTWARE
FOR PRECISE DATA ACQUISITION, EVALUATION, AND DOCUMENTATION

SOFTWARE



Space4Win

In Production, Laboratory, or in Quality Assurance Space4Win supports & connects all common measurement devices

> Connect coordinate measuring machines, optical measuring systems, and manual test benches for fully automated in-line measurements.

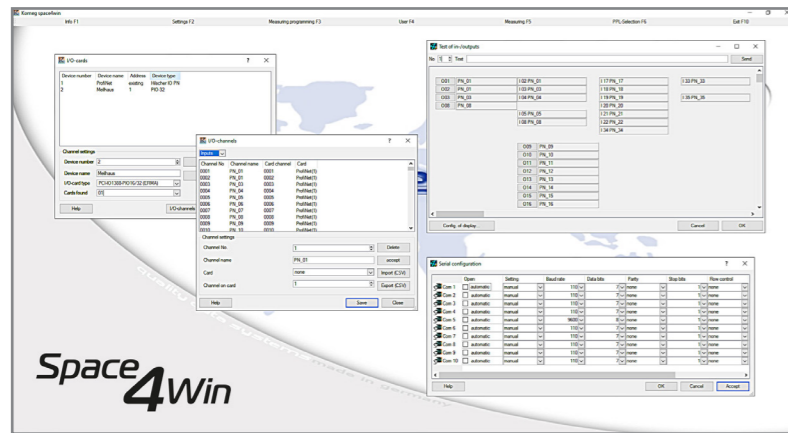
Connect to the most popular software and hardware interfaces for secure and reliable measurement results with the flexibility you need.

Seamlessly integrate your measuring devices with easy data import and export, and customize Space4Win to perfectly match your specific needs.

- > User-friendly interface
- > Software available in different languages
- > Customizable display
- > Visualization of workpieces and work processes
- > Local or network storage
- > Compatible with all current Windows operating systems
- > Interface to most current Mitutoyo products and open to third party integration



Space4Win Key Functions and Specifications

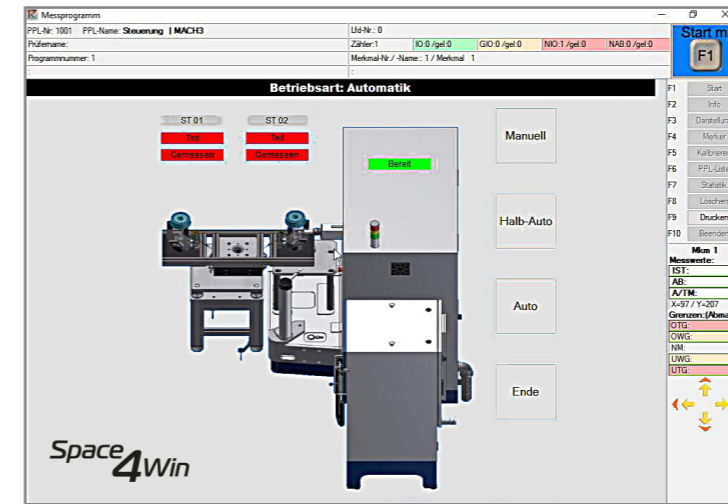


> Connectivity

Space4Win connects and communicates with a broad variety of measurement devices and PLCs.

Those can be combined into one single application and connected directly to your machine tools.

Software Configuration	Space4Win
Supported operating systems	Windows 7+
Max. number of probes and characteristics	256
Applications	Measure, class, document, process and machine
Operating modes	Automatic, Manual, Calibration, Setup
Screen representations	Supported operating systems
Test types	Random sample operation or 100% test
Screen representations	Customizable visualization of measurement results, part report, bar chart, part image, value trend, control chart
Data export	AQDEF (DFQ format) CSV (Excel-compatible) User defined data storage formats (e.g. XML) Mitutoyo MeasurLink
Data import	AQDEF (DFQ format) User defined formats
Monitoring function	Probe validity, calibration validity, measurement plausibility, free probe lift
Supported measurement devices	Inductive probes, digital probes, analog and serial measurement systems, incremental measurement systems, measuring devices RS232, USB, LAN, coordinate measuring machines, etc.
Supported controllers for closed loop manufacturing	Heidenhain (via DNC RemoTools) DMG Mori (via MAPPS EtherNet/ IP Interface) Mazak (via Mazak Ethernet Library) Siemens (ProfiNet) FANUC (controllers with FOCAS support)



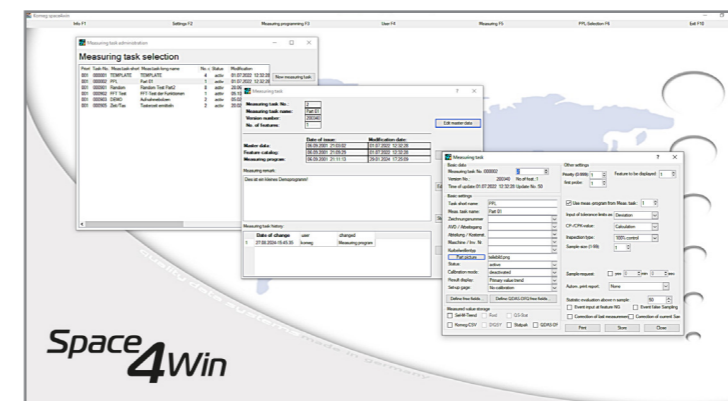
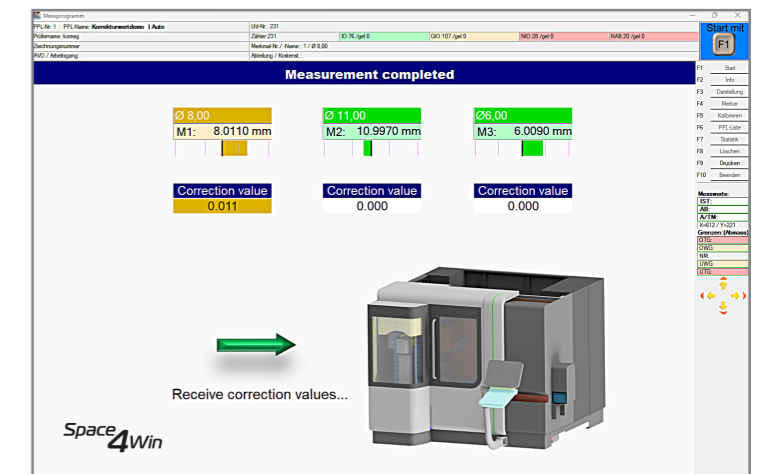
> Automation

Space4Win can either work in conjunction with a PLC or even perform basic tasks autonomously.

Automating your measurements means you can not only benefit from efficient and precise measurement, but also reduce human error thanks to the seamless integration into existing automation systems.

> Closed loop manufacturing

Direct connection to machine tools enables seamless integration into the production process and offers benefits such as real-time data transfer, improved process control, and optimized efficiency. Closed-loop manufacturing ensures direct feedback of the measurement results into the manufacturing process. This results in increased accuracy, reduced waste and improved overall product quality.



> Individualization

Space4Win offers the most important features of inline measurement solutions:

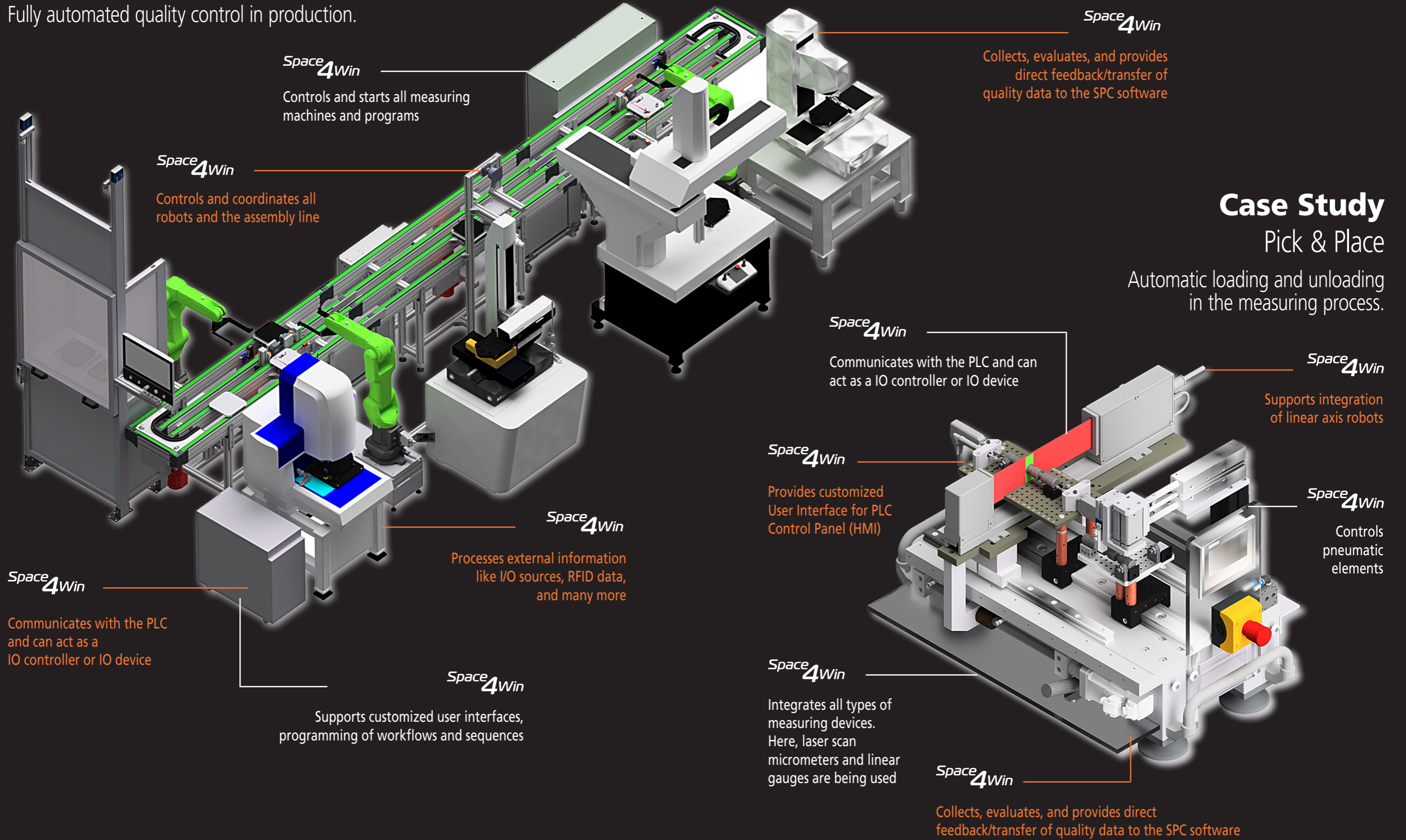
- ✓ Customizable user interface to avoid operating errors
- ✓ 100% customizable measurement process
- ✓ Multiple communication protocols supported

Code Number	Product Description	Remark
K850149	Space4Win - Software Package	General Software Package
K850150	Space4Win - For tool correction - EU-Version	Including 1-day remote support
K850151	Space4Win - For tool correction - EU-Version	Without remote support
K850152	Space4Win - For tool correction - Export-Version	Without remote support
K850141	Space4win - Robot Automation	For robot application

Case Study

Smart factory cell

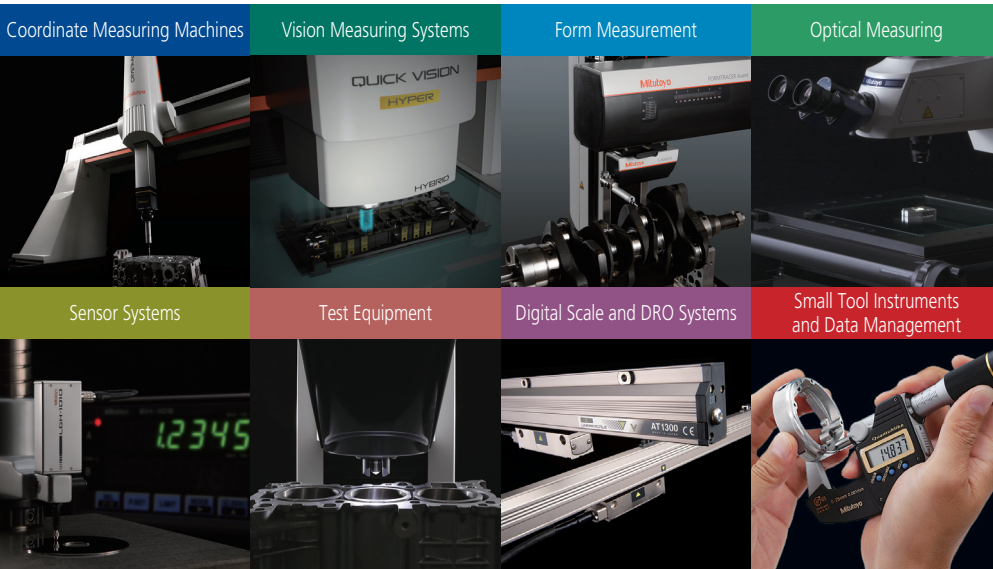
Fully automated quality control in production.



Case Study

Pick & Place

Automatic loading and unloading in the measuring process.



**Whatever your challenges are,
Mitutoyo supports you from start to finish.**

Mitutoyo is not only a manufacturer of top quality measuring products, but one that also offers qualified support for the lifetime of the equipment, backed up by comprehensive services that ensure your staff can make the very best use of the investment.

Apart from the basics of calibration and repair, Mitutoyo offers product and metrology training, as well as IT support for the sophisticated software used in modern measuring technology. We can also design, build, test, and deliver bespoke measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.



**Find additional product literature
and our complete catalog here.**

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