Attractively Priced Air Preparation
Basic, powerful, lightweight, inexpensive!

FESTO

The MS-Basic offers basic components focused on the most important technical functions of compressed air preparation.

The MS-Basic in a polymer housing offers you attractively priced basic components focused on the most important technical functions of compressed air preparation such as pressure regulation, filter regulation and manual or electric switch-on. And it is fully compatible with the MS series. This allows you to create the best possible mix of low-cost basic functions and any high-end functions you need.
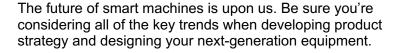
Highlights
Air Preparation MS-Basic

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White Paper:
5 Smart Machine Trends You Need To Know
Smarter machines require smarter engineering and strategy

MITSUBISHI ELECTRIC

The future of smart machines is upon us. Be sure you're considering all of the key trends when developing product strategy and designing your next-generation equipment.

Not long ago, analytics were the domain of Big Data players and super computer houses… Analytics are now available in small footprints and are built directly into products, allowing fit-for-purpose analytics to relay critical behaviors in real time."

This white paper covers:

- IoT integration
- Analytics becoming mainstream
- Remote monitoring through cloud services
- Machine learning and AI
- The increasing use of robotics

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Changes for the Better

5 Smart Machine Trends
You Need to Know

WHITE PAPER
Design Considerations for Smart Machines

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5 ROBOTICS

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Low Cost IXP SCARA Robot
Stepper motor-based SCARA robots

IAI
Quality and Innovation

The stepper motor-based IXP SCARA robot utilizes technology from the PowerCON controller for high performance at a lower cost. Equipped with pulse motors makes the IXP more affordable while the SCARA robot 3-axis specification enables a reduction in cost of up to 15%.

- Due to the pulse motor, the IXP costs around 1/2 a conventional model
- All models come standard with battery-less absolute encoders
- The robot weights approximately 30% less than conventional models

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WAGO Edge Controller and Computer
Combines IT and OT in one device

WAGO offers solutions in the form of the Edge Controller and Edge Computer. These devices process applications right on the machine, taking the pressure off the controllers so they can focus on their actual control duties with low latency and a high level of determinism.

The WAGO Edge Controller is a PLC and Linux-based PC in one device. This device leverages the real-time control environment of WAGO's e!COCKPIT engineering software for industrial control, and supports Linux-based tools including applications that run as Docker containers.

Where demands on computing power and memory are high, WAGO offers the perfect solution with the Edge Computer. It features a 1.91 GHz quad-core Atom processor and is equipped with standard Debian Linux. Users can draw on abundant resources and model entire automation processes on them.

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