

**Südmo Holding GmbH**FOR IMMEDIATE PUBLICATION  
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## **Successful Sales Launch: IntelliTop® 2.0**

**Norit Südmo's next generation control unit, the IntelliTop® 2.0, gives customers a complete series of options for automating process systems, which provides increased efficiency. The IntelliTop 2.0 won the IF Product Design Award 2010 at the CeBIT fair for the perfect combination of function and aesthetics. The IF Product Design Award is given by an international jury of experts and has been known as the trademark of excellent product design since 1953.**

The new IntelliTop® 2.0 control unit from Norit Südmo combines process valve triggering and monitoring in one piece of equipment. The decentralized control units on the process valves make it possible to reduce hose and cable lengths, which provides a more structured system design. The heart of the IntelliTop® 2.0 is the ability to track up to three switching positions for the process valve. The three programmable buttons assure fast and reliable process start-up. An indicator with the visual position display confirms this process while the closed path measuring system acts as a protective tube for preventing the danger of injury when the control unit is open and protects the inner workings when setting up the unit. The IntelliTop® 2.0 can be easily mounted on all of Norit Südmo's process valves.

### **Energy Consumption Reduced**

The IntelliTop® 2.0 can be used just as a sensor or as a sensor-actuator system with one to three solenoid valves selected with very high air performance in mind. They provide quick switching times, with a total air performance in excess of 200 NI/min, even with process valves that have large volume requirements. There is the option of controlling the air flow of each solenoid valve for fine adjustment of opening and closing times. This can prevent pressure shocks, which provides for a gentle operation of the entire process system. Individual triggering of the solenoid valves has reduced tension in permanent operation for driving down the solenoid valve energy consumption by as much as 35 percent.

### **All-Round Position Display**

The centrally located all-round position display, that was an essential feature of the IntelliTop® 1.0, was built into the design with advanced features. Norit Südmo offers its customers the option of assigning green, yellow and red to each individual position on the process valve.

A new service function allows the operator to use a special "key" for triggering the process valve without having to open the control unit or use external control air. This triggering mode has crucial benefits for releasing the spring pretension to service the valve. This unique function accelerates servicing while keeping the control unit equipment protected. Furthermore, you can actuate and operate the built-in microcontroller with either a PC or a PDA. This provides a complete series of functions including adjusting the feedback space, operating the cycle counter and service intervals right down to parameterising fieldbus equipment.

## IP69K Protection Class

Along with the technical equipment, we placed a premium on pioneering functional design when developing the IntelliTop® 2.0 to meet all of the criteria demanded by state-of-the-art industrial design in the food, beverage and pharmaceutical industries. The control unit meets the international IP65, IP67 and IP69K protection classes, which means that the control unit is protected against splashing water and it can be cleaned on the outside with a steam jet.

*Norit Südmo is a part of the Norit Group that is active on the international scene with 1,600 employees all over the world. Norit leads the way in water treatment and beverage preparation. Norit Südmo's products range from manufacturing world-class stainless steel fittings right down to building fully automatic production systems for the beverage, food and pharmaceutical industries.*

### The benefits of IntelliTop® 2.0

- Simple, intuitive and fast implementation
- Short air hose and cable paths
- Clearly structured process system
- Fast and easy fault analysis and rectification drives down system downtimes
- Very high air performance at reduced energy consumption
- Switching times for the process valves with adjustable air inlet and exhaust throttles
- All-round LED position display for visual status monitoring
- Simplified valve servicing with service function that can be activated from outside
- Specific adjustments via microcontroller
- Built-in microcontroller supplies additional information
- Updated design with modular structure
- Compact dimensions and highly functional design
- Combined IP65, IP67 and IP69K protection classes

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