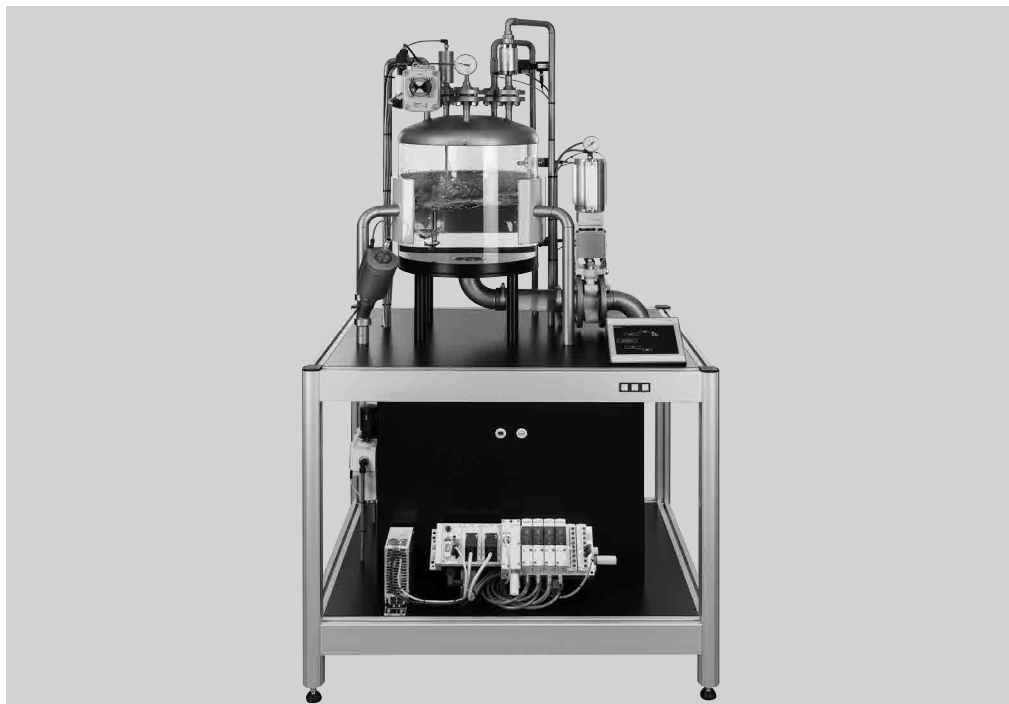


Improved reliability and productivity: Festo Motion Terminal in process automation

FESTO

Dynamic Display
D-PA1701



Pneumatics goes digital! The Festo Motion Terminal for applications in process automation offers many advantages: Control of process valves with Motion Apps ensures the best possible reproducibility, reduced system complexity through standardisation, reduced installation cost for processing systems, increased energy efficiency and improved process control. Last but not least, it significantly reduces the number of required components.



With the Motion App “Directional control valve functions”, you can change the standard functions (3/2, 4/2, 4/3 directional control valve) as often as needed, even during operation.



The Motion App “Proportional pressure regulation” makes it possible to carry out two independent pressure regulation operations with only one valve slice.



Technical information regarding the shown products which are part of the Festo Product Range will you get at the Information desk or via our information services in Esslingen.

Tel: +49 711 347 -2071, E-mail: infoservice@de.festo.com or www.festo.com

Festo AG & Co. KG

Ruiter Strasse 82
D-73734 Esslingen
www.festo.com

Digital Simplicity

A world first: Festo Motion Terminal VTEM

Digitised pneumatics!

Pneumatics is an easy-to-control technology and is now becoming even more simple, versatile and flexible – with the brand-new Festo Motion Terminal VTEM. Motion apps are moving pneumatics into the age of Industry 4.0. These apps control a single piece of hardware and can replace over 50 individual components.

Highlights

- Many functions in a single component – thanks to apps
- Combines the advantages of electric and pneumatic technologies
- Highest possible level of standardisation
- Reduced complexity and time-to-market
- Greater profitability and knowledge protection
- Less installation work
- Increased energy efficiency



Flexibility and standardisation hand in hand: 10 motion apps – 1 piece of hardware

	Directional control valve functions You can modify standard directional control valve functions such as 4/2, 4/3 and 3/2 at any time and as often as necessary, even during operation.		ECO drive Reduce costs by operating your actuator with the minimum pressure necessary for the load.
	Proportional directional control valve Two proportional flow control functions have been integrated in one valve and on one platform, resulting in an economical and compact solution.		Selectable pressure level Save energy by setting several pressure levels.
	Soft Stop Shorten your cycle times by up to 70%! Implement highly dynamic yet gentle positioning motion without wearprone shock absorbers.		Leakage diagnostics Fewer system downtimes and faster fault detection due to preventive maintenance.
	Proportional pressure regulation Two individual and independent proportional pressure regulators in just one valve – including with vacuum!		Supply and exhaust air flow control Do away with separate flow control valves on the actuator and set tamper-proof travel speeds quickly and conveniently at the touch of a button.
	Model-based proportional pressure regulation There's no need for external sensors. The anticipatory control system ensures maximum accuracy.		Presetting of travel time For quick and easy commissioning and stable operation, all you have to do is enter the travel time for the advancing and retracting motion. The system automatically adjusts the values.

Additional apps are already planned.