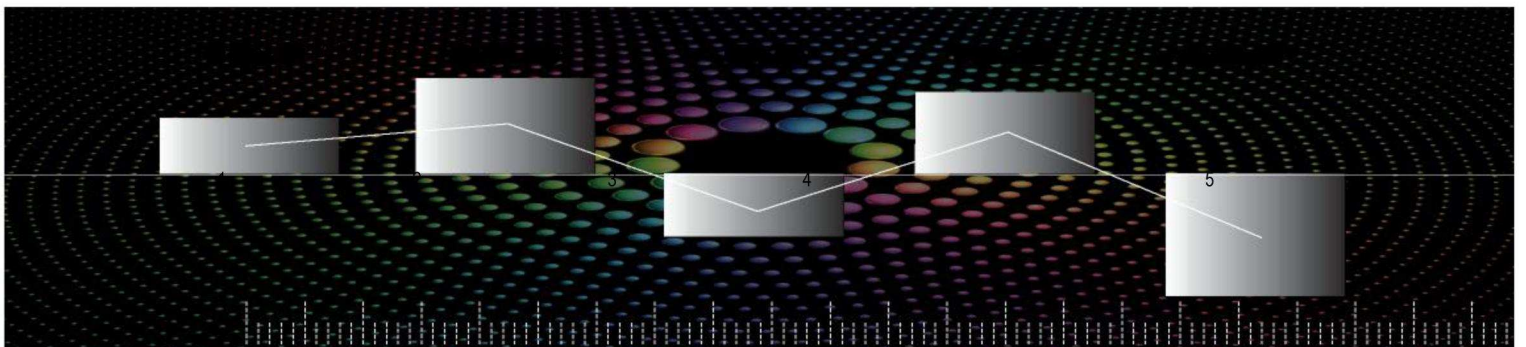Mini Measuring Column

MSM

MSM

Brief Description

The pneumatic electronic column MSM was designed as a compact and low-cost solution for manual measurements.
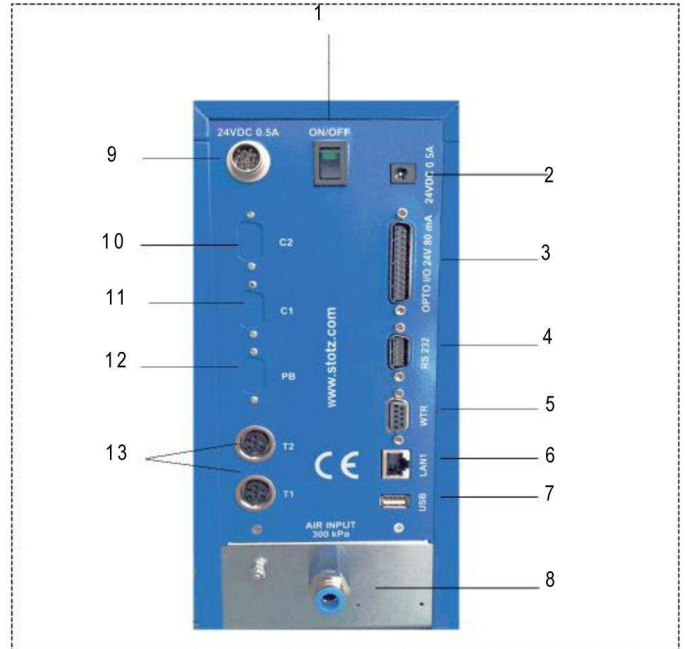
All settings, including program selection are made by means of the color touchscreen.

The MSM has a variety of interfaces available (RS232, USB, Profibus, Ethernet) for further processing of measuring values for data storage (storing the measured values in .txt or Stotz standard .dfq format). The device is modular in the fact that it is expandable to up to four pneumatic measuring channels (type: K, M1, P, X) of the same or even different types. In addition to these pneumatic channels, two optional inductive inputs can be utilized simultaneously.

- Pneumatic and Inductive LVDT
- Compact Design
- Color Touchscreen Display
- Very easy to use
- Maximum measurement stability and minimal air consumption by monitoring the air supply
- Stotz Standard Measuring Software SPC M
- Simple Statistical Analysis
- Data Exchange between MSM devices and parent networks via software for centralized quality management

Position	Description
1	On/Off Switch
2	Power Supply 24 Volt
3	Digital Interface 8 x I/O Opto
4	Serial Interface RS 232
5	Port for external control box WT
6	LAN Interface
7	USB Interface
8	Compressed Air Supply
9	Optional external Power Supply 24VDC by Stotz DPW-PS
10	Optional Interface
11	Optional Interface
12	Optional Profibus Interface
13	Optional Inductive Input T1 and T2

DPW-PS Power Supply

Position	Description
1	Color Touchscreen Display
2	Modular Pneumatic Channels from 1 to 4

Technical Data MSM

Basic Unit

|	
External Power Supply	100 230 V AC 40 60 Hz 20 VA
Graphic Display	480 x 800
Measuring Programs	18
Connection for control box	1
Digital Input 24V 3mA Digital	8
Output 24V 80mA	8
Pneumatic Meas. Channels	1
Serial Interface RS232	available
USB Interface 2.0	available
Program editor	MSM/MRA
Real Time Clock	available
Incoming Air Supply	3 bar (+/-0.25 bar)
Protection	IP 52
Dimensions	123x 234 x 283 mm

Modular Equipment

|	
Pneumatic Meas. Channels	1 ... 4 modular
Inductive Probe LVDT	Up to 2 (Half bridge)
Measuring Programs	Up to 99 (Selection via touchscreen)
Datalogger	1
Program Software	Program designer SPC PD 3 Versions
Network Connectivity	1
Ethernet 10/100 MBit	1
Profibus Interface (SUBD9)	Slave
Analog Input +/- 10V (SUBD9)	Up to 2
Connection for Power Supply DPW-PS	1

Optional Accessories

Control Box	WT-MSM

Control Box WT-MSM3
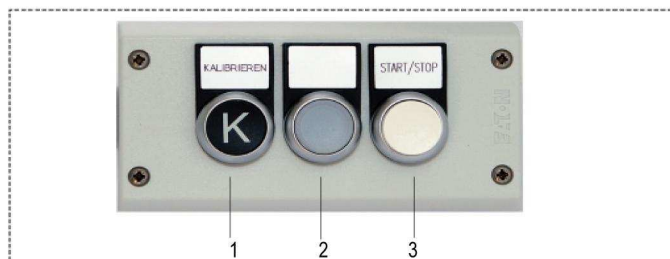
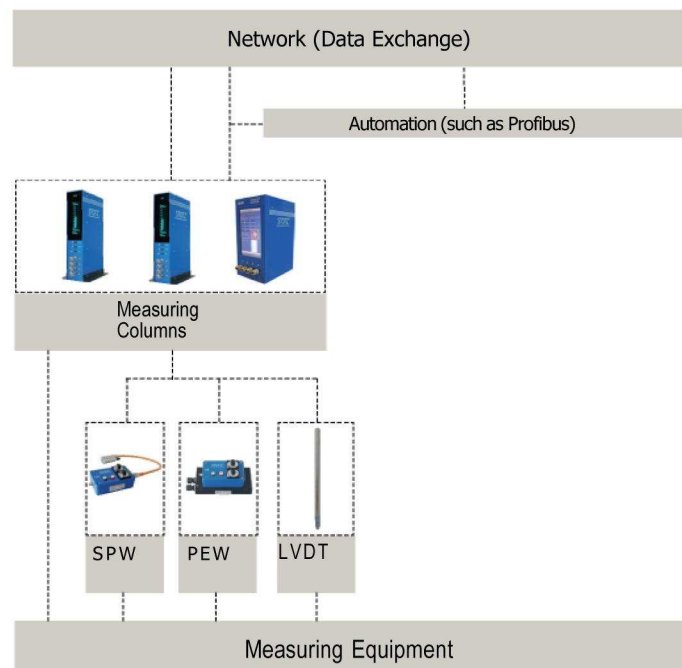| Position	Description
1	manual Calibration
2	optional
3	Program Start/Stop

Control Box WT-MSM2
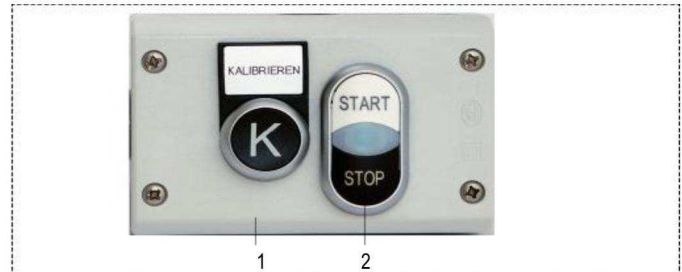
Control Box WT-MSM1
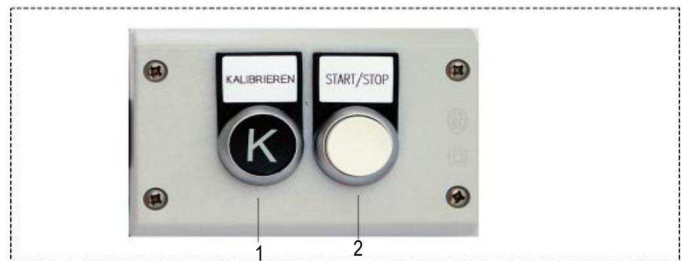
Position Description

1 manual Calibration
2 Program Start/Stop

Network Planning

9 offices worldwide

USA
Air Gaging LLC
– sales- and service-branch

Germany
STOTZ Feinmesstechnik GmbH
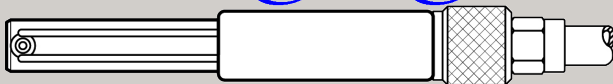– head office
– 4 sales- and service-offices

France
STOTZ France
– sales- and service-branch

Italy
STOTZ Italia
– sales- and service-branch

Czech Republic, Slovakia
STOTZ Slowakei
– sales- and service-branch

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