

- Pressure ranges:70 bar, Abs/Gauge
- Resolution: 6-digits
- High-Speed controller
- Accuracy: up to <0,01% FS
- Touch-screen, (mouse and/or external keypad)
- Selectable refresh rates
- Selectable pressure units
- Optional barometer
- Optional switch test
- Sensor Temperatur Indication
- Magnifier for user defined setpoints
- User defined set keypad (max. 12 steps)
- Rugged aluminium case, stackable
- USB PC interface
- Optional customized solutions



High-Speed Pneumatic Pressure Controller

Base instrument	
Instrument	ALU Desktop case (mounting kits as optional extras)
Dimensions in mm	250 x 250 x 150
Weight	3,9 kg
Display	
Screen	7" colour display
Resolution	2 ... 6 digits
Keyboard	Touch-screen, (external USB- keyboard or mouse), intuitive operator interface
Connections	
Pressure connections	G1/4 (<= 10 bar hose 6/4; > 10 bar 6mm SWAGELOK)
Sensors	
Internal sensors	100 mbar, (-1) 1 3 10 30 70 bar; further ranges on request; option:0,8...1,2 bar
Accuracy	<0,025% FS; <0,01 % FS (Please mention specific pressure ranges against each accuracy)
External sensors	see internal Sensors
Sensor refresh rate	< 10 ms
Pressure media	clean, dry, non-inflammable, non-corrosive gases like compressed air and nitrogen
Power supply	
Option 1	AC 230 V, 50 Hz, <32 W
Option 2	external power supply AC 100...240 V, 50 - 60 Hz, DC 5V/12V, 32W
Ambient conditions	
Storage temperature	10 - 50 °C
Humidity	< 95% rel. humidity, non-condensing
Compensated temperature range	15... 45 °C

Scope of Delivery:

Pressure Controller
Internal / External Sensor(s) (as ordered)
Calibration Certificate (optional DAkks)
Certificate of Conformity

Optional Accessories (if ordered separately)

Compressor MTR SK70 (300 bar)
Vacuum Pump MTR MZ2 or MZ5
Gauge Stands, Dirt Traps
Hoses, Pipes, Adaptors
MTR Cal Software

Accessories

Pressure supply:

MTR MZ2/ MZ5 Vacuum Pump



MTR SK70 Compressor

int. 300 bar
Output pressure variable



Operating units:



Dirt trap



Adaptors



Hoses

MTR-Cal Software



Serial	Date	CC1 Kanal	CC2 Kanal	CC3 Kanal	CC4 Kanal	CC5 Kanal	CC6 Kanal	CC7 Kanal	CC8 Kanal	CC9 Kanal	CC10 Kanal
1	12-11-2015 18:46:51	7	8	9	10	11	12	13	14	15	16
2	12-11-2015 18:46:51	1	2	3	4	5	6	7	8	9	10
3	12-11-2015 18:46:51	1	2	3	4	5	6	7	8	9	10
4	12-11-2015 18:46:51	1	2	3	4	5	6	7	8	9	10
5	12-11-2015 18:46:51	1	2	3	4	5	6	7	8	9	10
6	12-11-2015 18:46:51	1	2	3	4	5	6	7	8	9	10
7	12-11-2015 18:46:51	1	2	3	4	5	6	7	8	9	10
8	12-11-2015 18:46:51	1	2	3	4	5	6	7	8	9	10
9	12-11-2015 18:46:51	1	2	3	4	5	6	7	8	9	10
10	12-11-2015 18:46:51	1	2	3	4	5	6	7	8	9	10