

PRECISION MANOMETER / MANOMETER FOR OVER / UNDER AND DIFFERENTIAL PRESSURE



MANOMETER FOR POSITIVE / NEGATIVE AND DIFFERENTIAL PRESSURE



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-10.0..+350.0 MBAR (± 350.0 MBAR * 1)

GMH 3161-07

Item No. 600400
 Portable pressure instrument with integr. sensor

GMH 3181-07

Item No. 600413
 Portable pressure instrument with integr. sensor and data logger

GMH 3161-07-EX

Item No. 604435
 Portable pressure instrument with integr. sensor, explosion protection (Ex II 2 G Ex ib IIC T4 Gb)



GMH 3181-07-EX

Item No. 601386
 Portable pressure instrument with integr. sensor and data logger, explosion protection (Ex II 2 G Ex ib IIC T4 Gb)



-10.0..+420.0 MBAR (-7.5..+315.0 MMHG)

GMH 3161-07B

Item No. 600402
 Portable pressure instrument with integr. sensor

GMH 3181-07B

Item No. 600415
 Portable pressure instrument with integr. sensor and data logger

GMH 3161-07B-EX

Item No. 609064
 Portable pressure instrument with integr. sensor, explosion protection (Ex II 2 G Ex ib IIC T4 Gb)



GMH 3181-07B-EX

Item No. 604724
 Portable pressure instrument with integr. sensor and data logger, explosion protection (Ex II 2 G Ex ib IIC T4 Gb)



TECHNICAL SPECIFICATIONS:	... - 07	... - 07B
Measuring range:	-10.0.. +350.0 mbar	-10.0... +420.0 mbar (-7.5 ... 315.0 mmHg)
Overload:	max. 1 bar	max. 1 bar
Resolution:	0.1 mbar	0.1 mbar (0.1 mmHg)
additional pressure units:	bar, kPa, MPa, PSI, mmHg, mH ₂ O	bar, kPa, MPa, PSI, mH ₂ O
Accuracy: (typ. values)		
Hysteresis and linearity:	± 0.2 % FS (± 0.1 % FS) ³	± 0.1 % FS
Temperature influence from 0 - 50 °C:	± 0.4 % FS	± 0.4 % FS
Option higher accuracy possible:	Yes	already integrated
Pressure connections:	2	

-100.. +2000 MBAR (± 2000 MBAR *1)

GMH 3161-13

Item No. 600409
 Portable pressure instrument with integr. sensor

GMH 3181-13

Item No. 600421
 Portable pressure instrument with integr. sensor and data logger

GMH 3161-13-EX

Item No. 600647
 Portable pressure instrument with integr. sensor, explosion protection (Ex II 2 G Ex ib IIC T4 Gb)



GMH 3181-13-EX

Item No. 602263
 Portable pressure instrument with integr. sensor and data logger, explosion protection (Ex II 2 G Ex ib IIC T4 Gb)



TECHNICAL SPECIFICATIONS:

Measuring range: -100 ... + 2000 mbar (optional: -1000 ... + 2000 mbar)

Overload: max. 4 bar

Resolution: 1 mbar

additional pressure units: bar, kPa, MPa, PSI, mmHg, mH₂O

Accuracy: (typ. values)

Hysteresis and linearity: ± 0.2 % FS; (± 0.1 % FS)³

Temperature influence from 0..50 °C: ± 0.4 % FS

Option higher accuracy possible: Yes

Pressure connections: 2

VARIANTS: MEASURING RANGE -1000..+2000 MBAR *2

GMH 3161-13-00-MB

Item No. 600527
 Portable pressure instrument with integr. sensor,

GMH 3161-13-EX-MB

Item No. 607243
 Portable pressure instrument with integr. sensor

GMH 3181-13-00-MB

Item No. 600529
 Portable pressure instrument with integr. sensor and data logger

GMH 3181-13-MB-00-EX

Item No. 432507
 Portable pressure instrument with integr. sensor and data logger

*1 Measuring range can be reached by repositioning the pressure connection
 *2 without changing the pressure connection

*3 with option "higher sensor accuracy"