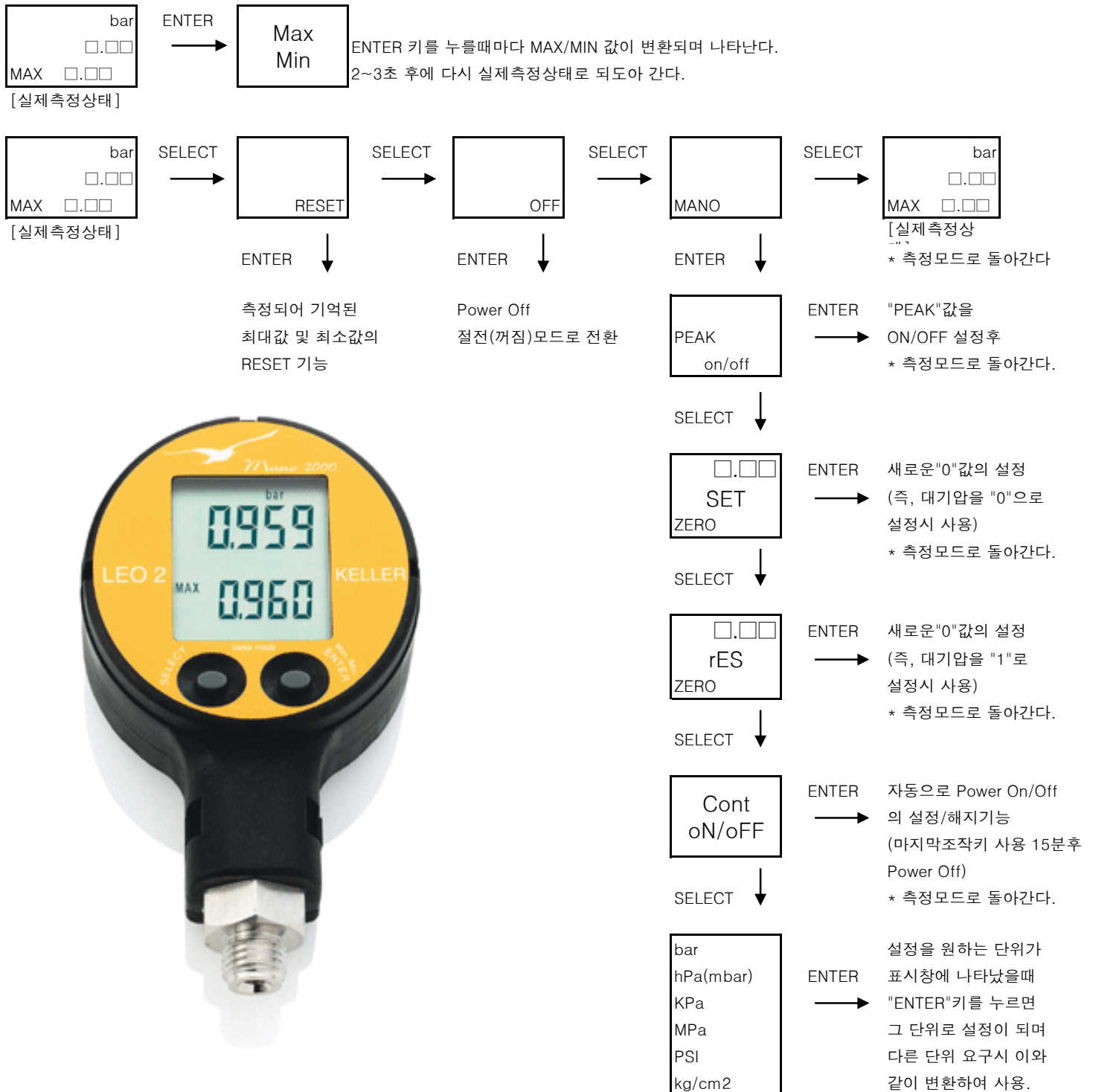


KELLER AG 디지털 압력계(디지털 마노미터) LEO 2 / LEO 2 Ei 모델은 아래와 같은 기본사양을 갖는다.

모델	범위	표시자리수(Bar 기준)	표시자리수(PSI기준)
LEO 2-0003	-1~3 bar	X.XXX	XX.XX
LEO 2-0030	-1~30 bar	XX.XX	XXX.X
LEO 2-0300	0~300 bar	XXX.X	XXXX
LEO 2-0700	0~700 bar	XXX.X	XXXX
Accuracy :	0.1% F.S		

LEO 2 / LEO 2 Ei 는 2개의 기본 Operation Key 를 갖는다. 즉, 왼쪽키(SELECT)는 압력단위의 설정과 여러기능을 조작하는데 사용되어지며, 오른쪽키(ENTER)는 압력단위의 설정과 여러기능을 설정하는데 사용된다. 또한, 오른쪽 키는 최대값(Max) 와 최소값(Min)값을 보여주는데 사용된다.

SELECT 또는 ENTER키를 누르면 전원이 투입되며 하기와 같은 표시창이 나타난다.



DIGITAL MANOMETER

WITH MAX.- AND MIN.-FUNCTION / ACCURACY: 0,1 %FS

LEO 2 is a compact, micro-processor (μP) controlled, highly accurate and versatile pressure measuring instrument with digital indication. The piezoresistive pressure transducer as the heart of the instrument has gone through extensive pressure- and temperature tests. Its characteristics are stored in the instruments internal EEPROM. The μP of the LEO 2 reads the characteristic values and calculates therefrom the pressure to an accuracy of $< 0,1$ %FS at room temperature.

The pressure is measured twice per second and displayed. The top display indicates the actual pressure, the bottom display shows the Max.- or Min.- pressure since the last RESET.

LEO 2 has two operating keys. The left key is to turn the instrument on, to select the functions and the pressure units. The right key executes the selected function or unit. The right key is also used to switch between the Max.- and Min.-value.

The instrument has the following functions:

RESET With the RESET-function, the Max.- and Min.-value is set to the actual pressure value.

ZERO The ZERO-function allows to set any value as a new Zero reference. Barometric pressure variations can thus be compensated. The factory setting of the Zero for the ranges $-1...3$ bar or $-1...30$ bar is at 0 bar absolute. For sealed gauge pressure measurements, activate "ZERO SE" at ambient pressure. Instruments with ranges > 30 bar are calibrated in a sealed gauge mode at ambient pressure.

CONT The instrument turns off 15 Min. after the last key function. Activating CONT (Continuous) deactivates this automatic turn-off.

UNITS All standard instruments are calibrated in bar. The pressure can be indicated in the the following units: bar, mbar/hPa, kPa, MPa, PSI, kp/cm².

LEO 2 has 7/16" UNF male thread and is delivered complete with an O-ring seal swivel fitting which allows LEO 2 to be rotated through 360°. Only minimal tightness is needed to seal up to 300 bar. Process pressure connection is G 1/4" male.

Optional accessories: - Protective rubber covering
- Carrying bag



LEO 2 / LEO 2 Ei



"Swivel"



Adapter G 1/4"

SPECIFICATIONS

Pressure Ranges, Resolution, Overpressure	Range	Resolution	Overpressure
	-1...3 bar	1 mbar	10 bar
	-1...30 bar	10 mbar	60 bar
	0...300 bar	100 mbar	400 bar
	0...700 bar	200 mbar	700 bar

Accuracy RT (room temperature) *	$< 0,1$ %FS
Total Error Band (0...50 °C) *	$< 0,2$ %FS
Storage- / Operating Temperature	-20...70 °C / 0...50 °C
Compensated Temperature Range	0...50 °C
Supply	3 V battery, type CR 2430
Battery Life	1'000 hours continuous operation
Pressure Connection	7/16"-20 UNF (adapter G 1/4" included)
Protection, CEI 529	IP 65
Diameter x Height x Depth	59 x 95 x 32 mm
Weight	≈ 125 g

* Includes linearity, repeatability, hysteresis, temperature error and resolution of the display. Does not include Zero stability.

LEO 2 Ei

Intrinsically safe version, 94/9/CE (ATEX 100a)

Classification: Ex II 1 G EEx ia IIC T6 or T5
Certification File: LCIE 01 ATEX 6001 X

The EEx ia version of LEO 2 incorporates an additional protection switch. Functions, ranges and accuracy are identical to the standard version.

