

## Digital pressure gauge LILLY<sub>press plus</sub>

### Digital pressure gauge with graphic display

In addition to our thermometers from the product line LILLY<sub>plus</sub>, with the LILLY<sub>press plus</sub> line, we now offer digital, battery-operated precision pressure gauges.

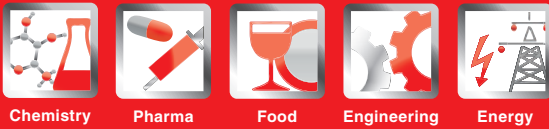
Similar to the LILLY<sub>plus</sub> instrument series, the LILLY<sub>press plus</sub> instruments are equipped with an exceptional high-contrast graphic display, which allows for good readability even without background lighting.

The instrument is ideally suited for comparative measurements in laboratories or in the field. With its stainless steel case with

the degree of protection IP65, its resistance to ambient temperatures of -20 to +70 °C as well as its venting element for internal pressure equalisation, the device can be applied in industrial environments as well.

The pressure measuring cell with thin-film technology is suitable for a wide pressure range from 2.5 to 3.000 bar. Various features, such as a tare function, a minimum and maximum value memory or switchable units, make the device a practical allrounder.

### Industries/Applications



### Features

- ◆ Working without external energy due to long-life lithium battery, replaceable by the user
- ◆ Readjustment feasible by the user
- ◆ Minimum and maximum value memory for checking the adherence of process parameters
- ◆ Wide range of construction types analogous to mechanical pressure gauges
- ◆ High pressure ranges
- ◆ Instrument turnable through 340°
- ◆ Tare function

### Standard Version

#### Case

With bayonet ring, stainless steel 1.4301, with pressure equalising element

#### Degree of Protection

IP65

#### Window

Aluminum with PE membrane keypad

#### Ambient Temperature Ranges

Operation and storage: -20 °C to +70 °C

### Pressure Ranges and Accuracy (Overpressure)

|                         |                     |
|-------------------------|---------------------|
| 2.5 bar to 2000 bar:    | ±0.25 % FS ±1 digit |
| > 2000 bar to 3000 bar: | ±0.50 % FS ±1 digit |

### Overload Capability

≤ 2000 bar: 2 times; 2500 bar: 1.5 times; 3000 bar: 1.3 times

### Wetted Parts

Stainless steel 316L/AISI 630 (1.4542)

### Selectable Units

bar, kPa / MPa, kp/cm<sup>2</sup>, psi

### Battery

Li-SOCl<sub>2</sub> 3.6 V / 2600 mAh (>4000 h)