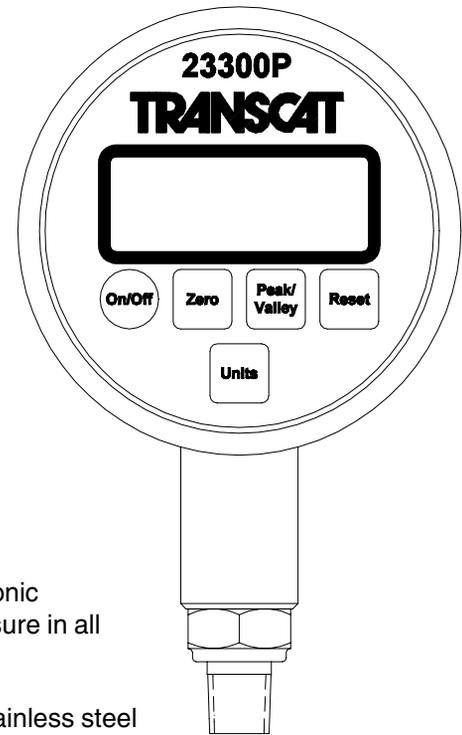


## Model 23300P Digital Pressure Gauge

- ◆ Built for harsh process environments
- ◆ Selectable units: psi, KPa, Bar, mBar, mm Hg, inches Hg, mm H<sub>2</sub>O, inches H<sub>2</sub>O, kgF/cm<sup>2</sup>
- ◆ Front panel keys for fast, easy use
- ◆ Powered by long-life 9V alkaline batteries
- ◆ Min/Max recording feature built-in
- ◆ Stainless steel isolated sensor



The Transcat Model 23300P Digital Pressure Gauge is a precision electronic instrument designed to accurately and reliably measure and display pressure in all popular engineering units.

The Model 23300P was engineered for the real world. The 300 Series stainless steel body is designed to survive harsh process environments. An isolated sensor ensures reliable operation with any gas or liquid compatible with 17-4 PH stainless steel. A 1/4" NPT fitting allows simple installation to all common process connections. The rotatable front panel always displays correctly, regardless of gauge orientation. Easily replaceable 9V alkaline batteries provide extended service life with minimal downtime.

Selectable engineering units eliminate the need to purchase a variety of gauges. Five front panel keys provide fast, simple operation and calibration. Pressure values are displayed on a four-digit LCD located on the front of the gauge. The full-function display automatically indicates the pressure mode, pressure units, and error conditions (low battery or overrange).

The Model 23300P is one of many Transcat pressure measurement instruments. For information on the complete line of Transcat pressure equipment, call (800) 828-1470 or (716) 352-9460 (International).

### Specifications

Unless otherwise indicated, all specifications are referred to an ambient temperature of 25°C ± 1°C (77°F ± 2°F).

Accuracy:	±0.25% of span
Maximum Pressure:	2 times full scale or 15,000 psi, whichever is smaller
Operating Temperature:	-1°C to 71°C (30°F to 160°F)
Storage Temperature:	-28°C to 85°C (-20°F to 185°F)
Media Compatibility:	Any gas or liquid compatible with 17-4 PH stainless steel
Engineering Units:	psi, KPa, Bar, mBar, kgF/cm <sup>2</sup> , mm Hg, inches Hg, mm H <sub>2</sub> O, inches H <sub>2</sub> O
Display:	4-digit LCD with status indicators
Pressure Connection:	1/4" NPT male fitting
Power:	Two 9V alkaline batteries
Battery Life:	450 powered hours, typical
Size:	94 mm (3.7") face diameter with 58 mm (2.3") stem
Weight:	0.5 kg (1 lb.)

### Range and Resolution

Catalog No.	Range (psi)	Resolution (psi)	Catalog No.	Range (psi)	Resolution (psi)
23300P-COM	-15 to +15	0.02	23300P-500	0-500	0.1
23300P-VAC	-15 to 0	0.02	23300P-750	0-750	0.1
23300P-15	0-15	0.01	23300P-1000	0-1000	1
23300P-30	0-30	0.01	23300P-1500	0-1500	1
23300P-50	0-50	0.01	23300P-2000	0-2000	1
23300P-100	0-100	0.1	23300P-3000	0-3000	1
23300P-200	0-200	0.1	23300P-5000	0-5000	1
23300P-300	0-300	0.1	23300P-10K	0-10,000	1

Corresponding selectable engineering units: KPa, Bar, mBar, kgF/cm<sup>2</sup>, mm Hg, inches Hg, mm H<sub>2</sub>O, inches H<sub>2</sub>O