

MANUAL

Dial pressure gauges

Installation and care for every Series P dial gauge, including back mount, panel mount and sanitary models.

Instruments covered

Series P100 to Series P900, Series P150, P250, P350 and P450

Before you install

- Check the range, connection and material on the dial and the label against your order.
- Keep the gauge in its packaging until you fit it.
- Make sure the line is isolated, vented and at ambient temperature.

Installation

1. Apply a suitable thread sealant to the male thread only. Keep sealant out of the socket bore.
2. Screw the gauge in by hand, then tighten with an open end wrench on the wrench flats of the socket. Never turn the gauge by its case.
3. Bottom mount gauges read best upright. Back mount models (Series P250) fit a panel or a manifold behind the dial.
4. Panel mount models (Series P350) fit through a panel cutout and fix with the front flange.
5. On a wall or pipe, fix the gauge with the Gauge mounting bracket.
6. Sanitary models (Series P450) fit a sanitary clamp ferrule with a gasket suited to your process.

Start up

Open the isolation valve slowly so the pointer rises without a jump. Check the reading against a known pressure where you can.

Filled gauges

Glycerin and silicone filled gauges ship with the fill sealed in. Do not open the case. A small bubble at the top of the dial is normal.

Care

- Wipe the case and window with a damp cloth. Do not use solvents on the window.
- Check the zero with the line vented. A pointer that no longer returns to zero needs a replacement gauge.
- Replace any gauge that has been over pressured, frozen or dropped.

Warranty and support

Instruments carry a 12 month warranty against defects in materials and workmanship from the delivery date. For help, use the Contact page and include the model and range.