

# DICKSON

## 8" (203mm) Pressure Chart Recorder



Pressure recording with a full 8-inch (203mm) diameter chart. These 8" (203mm) easy-to-ready pressure charts show 3x as much data as our 4" (101mm) and they are contained in a splashproof enclosure. Create a permanent visual record of your pressure data with the greatest detail.

- 0-1000 PSI, 24-Hour
- Splashproof case with IP66 rating
- Corrosion resistant case
- Single AA battery operation

## Specifications

**Ambient Operating RH Conditions :** 0-95% RH non-condensing

**Ambient Operating Temperature Conditions:** -22 to 122F (-30 to 50C)

**Battery Life (Avg):** 1 Year

**Calibration Options:** N100, N300

**Channels:** CH1: Pressure

**Chart Rotation Speed:** 24 Hour

**Dimensions:** 3.6 x 10.3 x 9.5in

**Enclosure:** Plastic NEMA 4X Case with Window in Door

**Fitting:** 1/4" NPT Thread, 5/8" Hex

**IP Rating:** 66

**Included Accessories:** One AA Battery, Red Pen and Quick Start Guide. \*Charts sold separately.

**Mounting Options:** Stem or Wall Mount (With Keyhole)

**Power Source:** Battery; One AA Battery (User Replaceable)

**Pressure Accuracy:** 2% of Full Scale

**Pressure Range:** 0 to 1000PSI

**Response Time:** 1 to 5 Seconds

**Unit Weight:** 9 lbs

**Units/Pkg:** 1

### Model Pressure Range Chart Rotation Speed

PW860 0 to 100 PSI 7-day

PW861 0 to 100 PSI 24-hour

PW864 0 to 200 PSI 7-day

PW865 0 to 200 PSI 24-hour

PW866 0 to 300 PSI 7-day

PW867 0 to 300 PSI 24-hour

PW875 0 to 1000 PSI 24-hour



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## Quick Start

This manual applies to: PW860/861/864/865/866/867/875

1.This recorder comes with 1 AA battery installed.

2.When installing recorder (1/4" male NPT pressure connection) always tighten the fitting instead of twisting the instrument case. Use a 5/8" wrench. We recommend wrapping the pressure fitting with pipe tape before installing to prevent leaks.

3.Replace chart paper, with a new chart.

4.Set the time by inserting a coin into the chart hub and turning clockwise until the correct hour is referenced by the time indicator. (Time indicator is directly to the right and below the pen tip.)

5. Remove protective pen cap.

6.Turn the recorder On. The "On/Off" switch is located inside the door on the dial plate.

## PW8Water Resistant Enclosure

The PW8 features an IP66 enclosure. In order to maintain the IP66 rating, the battery/switch cover on the back of the unit, must be screwed down tightly at all points. The door must be closed tightly using the two side latches.

It is strongly recommended that the case door gasket be greased occasionally using a standard silicone rubber grease. The more the door is opened and closed, the more frequently grease should be applied.

The Door and Battery Cover gaskets should maintain the IP66 rating for 1 year under normal use. To replace gaskets, contact Dickson Customer Service



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