

4" and 8" Circular Chart Pressure Recorders

NEMA 4X, water-resistant enclosure withstands harsh outdoor environments

The PW4 (4") and PW8 (8") weather-resistant pressure recorders are housed in a durable NEMA 4X case—providing protection against corrosion, windblown dust and rain, splashing water, and hose-directed water. The 4" models have switch-selectable speeds for both 24-hour and 7-day operation.

Note: Dickson pressure chart recorders are not suitable for monitoring ammonia, acids, or other corrosive substances.

- Keep a record of your pressure up to 1000 psi
- Lightweight, low-maintenance design
- PW4 models have both 24-hour and 7-day speeds
- Battery operated for easy portability



SPECIFICATIONS		
Model No.	PW4	PW8
Accuracy	±2% full scale	
Sensor	Bourdon tube with capillary	
Response time	1 second	1 to 5 seconds
Ambient operating temperature	-22 to 122°F (-30 to 50°C)	
Enclosure rating	IP56, NEMA 4X	IP66, NEMA 4X
Mount	Keyhole slots for wall-mounting; 1/4" male NPT connection	
Dimensions (W x H x D)	6 1/4" x 6" x 2 1/16" (159 x 152 x 74 mm)	10 3/8" x 9 1/2" x 3 5/8" (262 x 241 x 91 mm)
Power	One AA battery, up to 1 year average life	

What's included: Pen and one AA battery.

Range	Chart speed	4" (101 mm) chart size		8" (203 mm) chart size	
		Catalog No.	Model No.	Catalog No.	Model No.
0 to 100 psi	24 hour	TS-49020-00	PW470	TS-68521-42	PW861
	7 day			TS-68521-46	PW860
0 to 200 psi	24 hour	TS-49020-01	PW474	TS-68521-43	PW865
	7 day			TS-68521-47	PW864
0 to 300 psi	24 hour	TS-49020-02	PW476	TS-68521-44	PW867
	7 day			TS-68521-48	PW866
0 to 500 psi	24 hour	TS-49020-03	PW479	—	—
	7 day			—	—
0 to 1000 psi	24 hour	—	—	TS-68521-45	PW875

Accessories

Catalog No.	Model No.	Description
TS-08420-80	A791	Pressure fitting accessory kit
TS-68521-61	A792	Steam pressure pigtail
TS-08420-84	R022	Filter kit with snubber
TS-08420-86	A793	Fire hydrant adapter kit
TS-08526-04	P222	Replacement pen, red. 6/pack
TS-68521-65	E200	Two-year extended warranty
TS-09386-01	—	Replacement batteries, AA. 4/pk
TS-17110-00	—	NIST-traceable calibration with data

Chart Paper (60/pk)

Range	PW4 Series			PW8 Series			
	24 hour		7 day	24 hour		7 day	
	Catalog No.	Price	Catalog No.	Catalog No.	Price	Catalog No.	Price
0 to 100	TS-08404-62	—	TS-08420-52	—	—	TS-08424-08	—
0 to 200	TS-08404-66	—	TS-08420-56	TS-08424-04	—	TS-08424-10	—
0 to 300	TS-08404-68	—	TS-08420-58	TS-08424-05	—	TS-08424-03	—
0 to 500	TS-08404-70	—	—	—	—	—	—
0 to 1000	—	—	—	TS-08424-06	—	—	—