

# PRESSURE RECORDERS

## CT87P Series



- ✓ 13 mm (0.5") LED Display
- ✓ 152 mm (6") Chart
- ✓ 3 Pressure Ranges
- ✓ 4 Recording Speeds
- ✓ Front-Panel Selectable Controls
- ✓ Single or Continuous Chart Rotation
- ✓ Free Standing or Wall Mount

The CT87P pressure recorder is a versatile instrument that accurately measures and records pressures. The remote sensor has a 1.8 m (6') long cord and a 17-4 stainless steel pressure port with 1/4 NPT threads. The burst pressure is 2500 psi, rated for any gas or fluid compatible with 17-4 stainless steel. Battery backup ensures normal operation during power interruptions. The unit can also be run from any 12 Vdc source (auto or marine).

### SPECIFICATIONS

#### Pressure Ranges psi Model:

0 to 500 psi, 0 to 150 psi, 0 to 50 psi

#### Pressure Ranges bar Model:

0 to 35 bar, 0 to 10 bar, 0 to 3.5 bar

#### Pressure Accuracy: ±1% full scale

**Ambient Operating Temp Range:** 0 to 60°C (32 to 140°F)

**Remote Pressure Sensor:** 1.8 m (6') long 17-4 stainless steel 1/4 NPT pressure port, 2500 psi burst pressure, rated for any gas or fluid compatible with 17-4 stainless steel

**Ambient Operating Relative Humidity:** 96% maximum

**Selectable Chart Speeds:** 6 hours, 24 hours, 7 days, 31 days

**Chart Rotation Mode (Selectable):** Single turn or continuous

**Chart Speed Accuracy:** ±1%



CT87P, shown smaller than actual size.

**Chart Diameter:** 152 mm (6")  
**Display:** 3-digit, 13 mm (0.5") LED  
**Primary Power Supply:** 120 Vac, 50/60 Hz, or 220 to 240 Vac, 50/60 Hz (AC adaptor included)  
**Battery Life:** 48 hours continuous use  
**Battery Backup:** 8 "AA" alkaline batteries (included)

#### Recording Pen: Ink

**Case Size:** 235 H x 184 W x 70 mm D (9 1/4 x 7 1/4 x 2 3/4")

**Weight:** 2.13 kg (4.7 lb)

**Case Material:** Polycarbonate

Remote sensors included

### To Order

MODEL NO.	DESCRIPTION
CT87P	Circular pressure recorder, psi ranges
CT87PB	Circular pressure recorder, bar ranges
CT87P-230	Circular pressure recorder, psi, 230 Vac
CT87PB-230	Circular pressure recorder, bar, 230 Vac
CT87P-RP	Replacement pressure sensor
CT87-PEN-BLACK	Replacement pen
CT87P-C-(* )	60 pressure charts
MN1500	"AA" batteries (pack of two)

(\* ) Insert pressure range code from chart below.



PRESSURE RANGE	PRESSURE CHART CODES			
	6 HOURS	24 HOURS	7 DAYS	31 DAYS
0 to 500 psi	6H500PSI	24H500PSI	7D500PSI	31D500PSI
0 to 150 psi	6H150PSI	24H150PSI	7D150PSI	31D150PSI
0 to 50 psi	6H50PSI	24H50PSI	7D50PSI	31D50PSI
0 to 35 bar	6H35BAR	24H35BAR	7D35BAR	31D35BAR
0 to 10 bar	6H10BAR	24H10BAR	7D10BAR	31D10BAR
0 to 3.5 bar	6H3.5BAR	24H3.5BAR	7D3.5BAR	31D3.5BAR

Comes complete with AC adaptor, 60 assorted charts, 2 pens, 8 "AA" batteries and operator's manual.

**Ordering Example:** CT87P, 152 mm (6") circular pressure recorder with psi ranges, OCW-3, OMEGACARE<sup>SM</sup> extends standard 1-year warranty to a total of 4 years.

CT87PB, 152 mm (6") pressure recorder with bar ranges.

OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.

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PRESSURE INSTRUMENTS