

Microprocessor Based Pressure/Temperature Recorders

Model CT585B

£575



- ✓ Temperature to 49°C; Pressure to 100 PSI
- ✓ Double-Sided Circular Charts: 1-, 7-, 32-Day Records
- ✓ Convenient Front Panel Programming
- ✓ Benchtop or Wall Mounted
- ✓ Battery or Wall Socket Powered
- ✓ Alarm Contact Standard
- ✓ Calibration Lockout Kit

The CT585B sets a new standard in temperature and pressure measurement. This completely self-contained recorder is microprocessor-based for accurate indication of temperature and pressure, along with the current time and storage of peak values (max. and min.). Each function of the recorder is easily accessible from the front panel. The user can select 1-, 7- or 32-day operation on the large, 200 mm chart, and can program the digital display for psig, °F or °C indication.

U.S. and International Patents



Specifications

Temperature Input (at pressure sensor):

Temp. Range:

-17 to 49°C (2 to 120°F)

Accuracy: ±1°C (2°F)

Sensor: Solid state

Response Time:

1 min. for 63% step

Resolution: 1°F/°C

Voltage Input: 0.02 to 1.2 Vdc

displayed as 2 to 120°F;

disables temperature and

pressure input adaptor

Pressure Input:

Range: 2 to 100 psig

Media: clean dry air

Accuracy: 2% FS

Response Time:

1 min., 63% of step

Hysteresis: 1%

Repeatability: 1%

Mounting: ¼" NPT, male

Cable Length: 1.8 m (6 ft)

Oper. Temp Range:

-17 to 49°C (2 to 120°F)

Comp. Temp. Range:

0 to 49°C (32 to 120°F)

Operable Overpressure: 150 psi

Comes with detachable solid state pressure/temp. transducer (with 1.8m cable,) additional 1.8m extension cable, voltage signal input adaptor, 120 double-sided charts (CT585-CSP), two pressure and two temperature pens, wall mount template and hardware, AC Power adaptor, chart lights, 4 "D" alkaline batteries and complete operator's manual.

Burst Pressure: 250 psi

Sensor Material: polyester, silicon, fluorosilicone, Buna-N

Display: User switchable between °F, °C and psig; 2½ digit LCD,

13 mm (0.5"), low battery indicator

Audible Alarm: Integral beeper

Chart: 200 mm (8") circular, linear radial div. 1-, 7-, 32-day, with psig, °F, °C scales

Dimensions: 33.5 x 27.1 x 6.7 cm D (13¼ x 10⅞ x 2⅞")

Weight: Approx. 3.2 kg (7 lb) including batteries

To Order (Specify Model Number)

Model Number	Price	Description
CT585B-220V-W-AL	£575	White recorder with alarms.
CT585-PS	8.20	Red (temp) and green (pressure) pen set
CT585-PS-6	42.50	Package of six (6) pen sets
CT585-C(*)(**)	15.50	100 double sided charts
CT585-CSP	15.50	120 charts (printed both sides), 20 of each combination of temperature scale and days of recording

*Insert "D" for 1 day, "W" for 7 days or "M" for 32 days of recording

** Insert "F" or "C" for temperature units.

Ordering Example: CT585B-220V-W-AL, recorder, + CT585-CWC, pack of 100 double sided 7-day, °C charts, £575 + 15.50 = £590.50