

PRESSURE/TEMPERATURE RECORDERS WITH LARGE 200 mm (8") DIAMETER CHARTS

PATENTED
Covered by U.S. and
International patents and
pending applications

CT585B
\$700



- ✓ Measures Temperature to 120°F (49°C) and Pressure to 100 psi
- ✓ Double-Sided Circular Charts: 1-, 7-, 32-Day Records
- ✓ Convenient Front-Panel Programming
- ✓ Benchtop or Wall Mounted
- ✓ Battery or AC Power
- ✓ Alarm Contact
- ✓ Calibration Lockout Kit

The CT585B is a self-contained recorder, microprocessor-based for accurate measurement of temperature and pressure. It also displays current time and stores peak values (max and min). All functions are easily adjustable: the user may select 1-, 7-, or 32-day operation for the large, 200 mm (8") chart and may program the recorder to display psig, °C, or °F.

SPECIFICATIONS

Temperature Input (At Pressure Sensor):

Temp Range: -17 to 49°C (2 to 120°F)

Accuracy: ±1°C

Sensor: Solid state

Response Time: 1 min for 63% step

Resolution: 1°C/°F

Voltage Input: 0.02 to 1.2 Vdc displayed as 2 to 120°F; disables temperature and pressure input adaptor (use °F charts to read voltage)

Pressure Input

Range: 2 to 100 psig

Media: Clean, dry air

Accuracy: 2% FS

Response Time: 1 min, 63% of step

Hysteresis: 1%

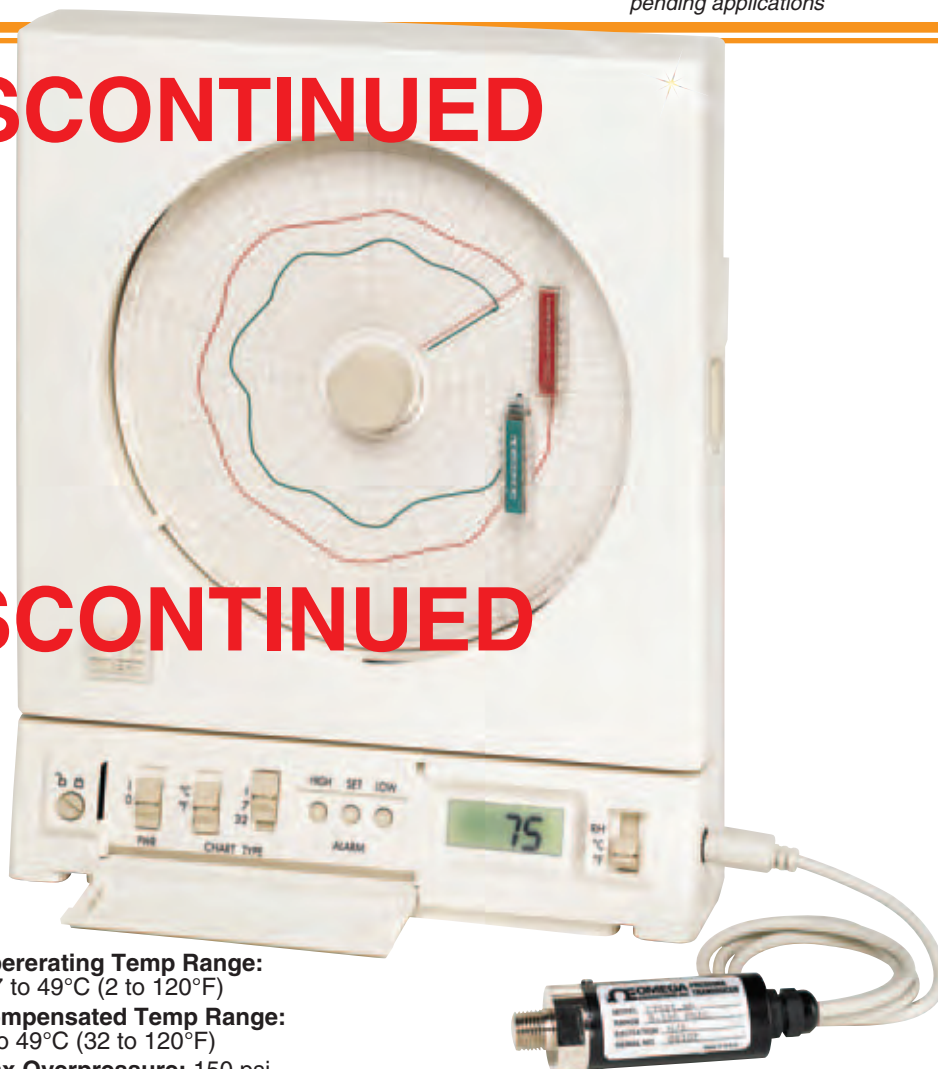
Repeatability: 1%

Mounting: ¼ MNPT

Cable Length: 91.5 cm (3')

DISCONTINUED

DISCONTINUED



CT585B-100V-W-AL, \$700, shown smaller than actual size.

Operating Temp Range:

-17 to 49°C (2 to 120°F)

Compensated Temp Range:

0 to 49°C (32 to 120°F)

Max Overpressure: 150 psi

Burst Pressure: 250 psi

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

Display: User switchable between °C, °F and psig; 2½ digit LCD, 13 mm (0.5"), low-battery indicator

Chart: 200 mm (8") circular, linear radial div. 0, 1, 7, 32 day, with psig, °C, °F scales

DISCONTINUED **MOST POPULAR MODEL HIGHLIGHTED!**

to Order (Specify Model Number)

MODEL	PRICE	DESCRIPTION
CT585B-110V-W-AL	\$700	White recorder with alarms, 110 Vac power
CT585-PS	10	Red (temp) and green (pressure) pen set
CT585-PS-6	52	Package of 6 pen sets
CT585-C [*] [**]	19	200 charts (100 sheets printed on both sides)
CT585-CSP	19	120 charts (printed on 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.

Comes with detachable solid state pressure/temp transducer with 1.8 m (6') cable, additional 1.8 m (6') extension cable, voltage signal input adaptor, 120 double-sided charts (CT585-CS), 2 pressure and 2 temperature pens, wall mount template and hardware, 110 Vac adaptor, chart lights, 4 "D" alkaline batteries and complete operator's manual.

Ordering Example: CT585B-110V-W-AL, recorder, CT585-CWF, pack of 100 double-sided, 7-day, °F charts. \$700 + 19 = \$719.

DISCONTINUED



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters