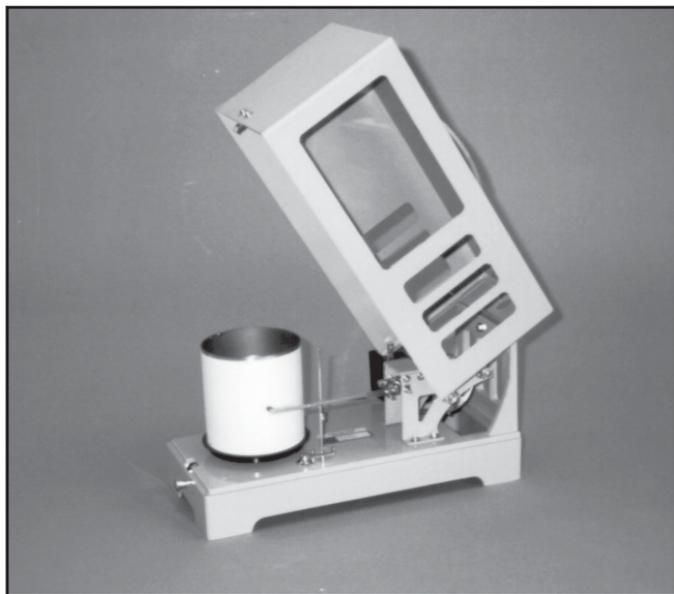


210-4110-A Thermograph

The **Model 210-4110-A Thermograph** is a precision, self-contained instrument that measures and records ambient temperature indoors or out. An aged bimetal strip expands and contracts with changing temperature. This movement is transferred to the pen through a counter balanced mechanical linkage. A span of 60°C or 110°F can be measured, and the span can be easily adjusted for different seasons.

The instrument is constructed of corrosion-resistant materials. The base is cast aluminum, and all internal parts are stainless steel or chrome-plated brass. Air moves freely around the sensor through large slots in the case. Replaceable cartridge pens eliminate frequent and messy pen filling. The battery-operated clock has recording periods of 1 day, 7 days, or 31 days, switch-selectable. Actual rotations on the daily and weekly periods are 26 hours and 176 hours to prevent overwriting of the chart clip.

When the thermograph is used outdoors, it must be protected from direct solar radiation by installing it in an instrument shelter.

Specifications

Sensor: Aged Bimetal Strip
 Temperature span: 60°C, 110°F (adjustable)
 Accuracy: $\pm 0.5^{\circ}\text{C}$
 Chart size: 3.3" H x 11.5" L (84 mm x 292 mm)
 Graduations: 1°C, 2°F
 Clock type: 1.5 Vdc battery-operated (2 AA cells)
 Drum rotation: 1 day (26 hrs), 7 days (176 hrs), or 31 days, switch selectable
 Pen type: Cartridge
 Size: 12.5" L x 8" H x 6" D (318 mm x 203 mm x 152 mm)
 Weight/shipping: 9 lbs/15 lbs (4 kg/6.8 kg)

Ordering Information

210-4110-A	Hi-Q Thermograph
210-4110-GL	Replacement Plexiglass Window
390-88101	Replacement Cartridge Pen, blue ink
390-88102	Replacement Cartridge Pen, red ink

Charts

210-41101	-20° to +40°C, 7 days, 55/pkg
210-41102	+10° to +120°F, 7 days, 55/pkg
210-41103	-30° to +80°F, 7 days, 55/pkg
210-41105	-10° to +50°, 7 days, 55/pkg
210-41107	+10° to +120°F, 31 days, 25/pkg