

Fred V. Fowler Company, Inc.

Fowler® **Clino 2000**

Fowler/Wyler's digital inclination measuring instrument.....the Clino 2000...combines precision and quality for a great variety of measuring tasks that will fulfill all your requirements.

- Highest possible precision over large measuring range of $\pm 45^\circ$ with integrated temperature compensation.
- Effortless zero adjustment by using the integrated software and a reversal measurement.
- Easy to calibrate due to implemented software guidance and the calibration aids included.
- State of the art digital technology.
- Built-in possibility to connect an additional instrument for differential measurement or Zerotronic sensors by using the serial I/O port.
- Large digital display for setting all commonly used measuring units.
- The instrument is fully compatible with the whole range of digital sensors from Wyler.
- Powered by common 1.5 V batteries, rechargeable batteries or with mains adaptor.
- Fulfills the strict European CE requirements (immunity against electromagnetic smog).
- Rugged cast iron housing with protective plating and prismatic bases. allows use on flat or cylindrical surfaces.
- Includes fitted case.



Specifications:

Measuring range	± 45 Arc°. Optional (special request): ± 10 Arc° / ± 30 Arc°/ ± 60 Arc°
Calibration	21 Setting points using built-in software and calibration aids
Settling time	Value available less than 5 seconds after setting
Resolution	5 Sec. of arc ($\approx .025$ mm/m), depending on units set
Limits of error	<5 Sec. of arc + 0.07% readout or <30 Sec. of arc. After using quick calibration aids.
Data output	RS-232, asynchr., 7 Bit, 2 Stopbits, no parity, 9600 Baud
Power supply	Standard—Batteries: 2 x Size AA 1.5V Alkaline (40—60 hours) or Optional—Batteries: 2 x Size AF 1.2 V NiMH rechargeable (30—50 hours) or with mains adaptor
External power supply	(Optional) +12...+48 V DC/200—500 mW
Temperature range	Operating: 0° to 40° C. Storage: -20° to 70° C.
Housing, cast iron with a protective coating	Dimensions: 6 x 6 x 1.375" (150 x 150 x 35mm.)
Weight	6.6 lb. (3kg)

Magnetic inserts available on request. Contact our Technical Dept. for price & availability.

Order No.	Description
54-825-200	Clino 2000—Precision Inclinometer