

# Clinotronic Plus

The Fowler/Wyler Clinotronic Plus is an electronic level with unsurpassed versatility. It is economically priced, uses a specially designed microprocessor and the well-proven Wyler inclination sensor.



## Special Features:

- Range of  $\pm 45^\circ$ , capacity of 0-360°.
- Resolution of 0.01° (selectable).
- Adjustable base length.
- Display: use any units common to inclination measurements.
- Desired units to be selected by push button.
- Automatic setting of zero by push button command.
- Absolute or relative measuring mode selectable by push button.
- Built-in calibration program.
- Uses standard 1.5V AA batteries.
- Seal-tec technology for excellent performance even in difficult environmental conditions.
- Interface connection RS-232 is integrated. Special purpose cables available.
- Low battery indication.
- No loss of calibration data by power failure.
- Price includes fitted case.



## Technical Specifications:

- Measuring range/capacity:  $\pm 45^\circ/0-360^\circ$
- Response time: value available within 5 seconds.
- Sensitivity: Depending on units set— .01°
- Repeatability: <.01°
- Linearity: within 3 min. of arc
- Temp. coefficient: less than 0.01°/°C.
- Data output: Serial
- Battery: Standard AA 1.5V alkaline/130hrs or AA 3.0V MnO<sub>2</sub>-Lithium (for longer operation 300/hrs)
- Housing: aluminum hard anodized.
- Dimensions: 4 x 3 x 1"(100 x 75 x 30mm)
- Weight: 13 oz.(380 grams)
- Temp. range: operational 0 to 40°C.

Order Number	Description
54-635-601	Clinotronic Plus
54-635-432	RS-232 Cable and adaptor

# Zerotronic Sensor System

Wyler AG's Zerotronic, digitized inclination sensor, fulfills the highest requirements concerning accuracy, ranges, sensitivity and temperature stability. Digital technology allows the transmitting of signals over long distances without loss of accuracy.

Small angles with a high resolution as well as large angles are measured with this sensor technology.

A temperature sensor mathematically compensates for changing environmental conditions, improving measuring results.

Use Dynam software for sensors and instruments of the Zerotronic family. Dynam software was developed for calculating and displaying static and dynamic inclinations and profiles under Microsoft Windows. The data generated by measuring can be displayed in numerical or graphical form on the computer monitor, sent to a connected printer, saved in files on hard disc or floppy discs or sent to a serial output port.

The integrated software modules allow the performing of a number of measuring tasks without knowledge of software programming.



- All weather operations.
- Wireless applications.
- RS-485 output or RS-232 with readout or transceiver converter.
- Labview drivers.

For more information and prices on the Zerotronic, call Fowler's Tech. Dept.