



DEFINITION AND OVERVIEW

The WI-120 Indicator is a microprocessor-driven weight indicator designed to interface with a Weigh-Tronix electronic scale to provide weighing information on a front-panel digital display and to transmit weighing information in data report blocks to a peripheral reporting device, typically a printer or a computer.

This manual describes operational functions of the WI-120 Indicator. It explains how to use front-panel selection keys to display weighing information and how to interpret displayed data.

The WI-120 Indicator is designed for front-panel configuration. To comply with NBS regulations for sealed weight indicators, Weigh-Tronix has restricted the capability of setting selections in Configuration Mode to

those authorized to open the unit enclosure and enable this mode.

However, because of the many weighing applications not requiring a sealed weight indicator—applications in which operator responsibilities could include resetting certain configuration parameters—this operation manual includes documentation on using Configuration Mode in "PART III: CONFIGURING THE WI-120 INDICATOR."

Instructions for setting two configuration parameters to which access is not sealed, (1) *SECURITY CODE* and (2) *TIME AND DATE*, are presented in "PART II: OPERATING THE WI-120 INDICATOR."

SPECIFICATIONS FOR WI-120 INDICATOR

COMPLIANCE: When properly installed and configured in conjunction with the appropriate accessories, the WI-120 Indicator meets or exceeds the requirements specified in National Bureau of Standards Handbook Number 44 and in Canadian regulations as applicable to digital weight indicators.

ACCURACY: Class III/III L; 10,000 divisions.

STABILITY: Zero Balance Coefficient less than 0.20 microvolts/degree Centigrade, from -10° Centigrade to +40°

Centigrade, or +14° Fahrenheit to +104° Fahrenheit.

Span Temperature Coefficient better than 5.4 PPM/degree Centigrade from -10° Centigrade to +40° Centigrade, or +14° Fahrenheit to +104° Fahrenheit.

INTERNAL RESOLUTION: 1,000,000 counts at full capacity with display rate of 1/second; varies with dead load and live load.

CAPACITY: Front-panel selectable from 1 to 980,000 pounds or kilograms.