

# WEIGH-TRONIX®

## WPI-135 Indicator

**A faster, more powerful, weight-based programmable indicator.**

- High-speed, multi-tasking
- Programmable, using enhanced WT BASIC
- Scaleable-to grow with your application
- Increased network capability
- Designed for a global market
- Cost effective alternative to a PLC



*Transportation*



*Processing*

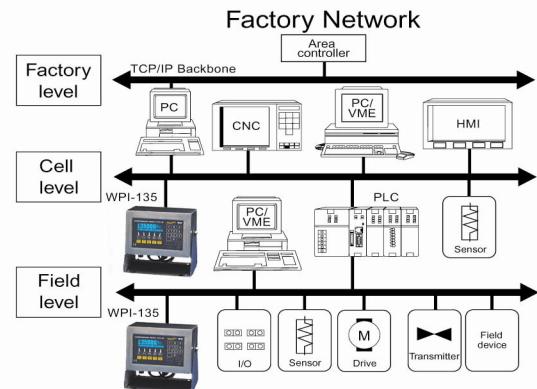


*Material Handling*

# The new WPI-135 indicator gives you more versatility.

The WPI-135 system delivers speed and control through a powerful microprocessor. Plus, its enhanced programming functions allow the WPI-135 to replace a PLC in many control applications while being completely compatible with the entire Weigh-Tronix indicator family.

The WPI-135 can be used for most weighing applications including floor, truck, track, batching, counting, check-weighing, conveyor and monorail. It's the speed and control you need.



The WPI-135 is ideal for any weight-based process. It's also a versatile network device that allows data to be used throughout the process (compatible with DeviceNet, Profibus and ControlNet). Fully bi-directional serial ports allow data communication among all established serial communication devices.

## WPI-135 SPECIFICATIONS

### Power input:

Universal 85 to 265 VAC 50/60 Hz 75VA

### Excitation:

10 Volts DC or 10 Volts square wave capable of driving up to thirty two 350-ohm weight sensors. WPI-135 Indicator is also capable of driving Quartzell® transducers.

### Operational keys:

Zero, Tare, Print, Units, Select, Enter, Escape, Clear, 0-9, Decimal Point and Five Soft Keys labeled per programmable application routine. All keys provide users audio acknowledgment when they are activated.

### Operational annunciators:

Displayed symbols indicate motion, center of zero, unit of measure and more may be programmed. 1" H x 4.3" W vacuum fluorescent dot graphic display (32 x 128 dot layout)

### Display rate:

Selectable, from 1 in 10 seconds to 10 times per second.

### Analog to digital conversion rate:

60 times per second

### Unit of measure:

Pounds, kilograms, grams, ounces, pounds and ounces and four programmable custom units

### Capacity selections:

Up to 10,000,000 selectable

### Incremental selections:

Multiples and sub multiples of 1, 2, 5

### Decimal locations:

88888888 - Programmable location relative to division size

### Displayed resolution:

Up to 1 part in 10,000,000

### Audio output:

Audio tone for key contact assurance or operational alarms

### Time and date:

Battery protected real time clock is standard

### Internal resolution:

1,000,000 counts analog, Quartzell® transducer higher

### Harmonizer™ digital filtering:

Fully programmable to ignore noise and vibration

### Standard input and outputs:

Four Standard fully Bi-directional serial ports:  
Com 1: RS232, RS-485/422, Quartzell®,  
SensorComm™

Com 2: RS232, 20 mA current loop

Com 3: RS232, RS485/422, Quartzell®,  
SensorComm™

Com 4: RS232, RS485/422, Quartzell®,  
SensorComm™

Four setpoint I/O ports via OPTO 22 I/O modules  
1 Analog Scale Input

### Dimensions:

7.25" H x 11" W x 8.25" D  
(184 mm x 279 mm x 205 mm)

### Available options:

- \* Multiple analog scale inputs, up to seven additional
- \* Eight Fully Isolated, Programmable Analog Outputs, Selectable 4-20mA, 0-5VDC, 0-10VDC, 0-20mA, 0-24mA, -5VDC, -10VDC
- \* Remote Expanded Control Interface for TTL or Solid State up to 64
- \* OPTO 22 Generation 4 I/O Modules
- \* Internal Modem
- \* PC (AT) style Alpha Numeric Keyboard
- \* Alpha-numeric, Serial PC-style keyboard RS232/TTL
- \* Up to sixteen pulse counter inputs
- \* SensorComm™ Digital j-box
- \* Traxle™ total truck and axle weighing
- \* Fieldbus Network Interfaces
  - DeviceNet™ • Profibus® • ControlNet™
  - InterBus-S • ModBus+
  - Ethernet (ModBus TCP, TCP/IP)

### Operating temperature:

-40° to 140°F (-40° to 60°C)

### Enclosure:

Stainless steel washdown enclosure, NEMA 4X

### Weight:

17 lb, 7.7 kg

### Agencies:

NEPE Class III/IIIL:10,000d CC# 01-033

Canada Consumer Affairs AM-5418

UL/CUL (Pending)

FCC Class A

# WEIGH-TRONIX®

Weigh-Tronix, Inc.

1000 Armstrong Drive • Fairmont, MN-56031 USA

Telephone: 1-507-238-4461 • Fax: 1-507-238-4195

Email: [industrial@weigh-tronix.com](mailto:industrial@weigh-tronix.com) • [www.wtxweb.com](http://www.wtxweb.com)

Weigh-Tronix, Canada, ULC

217 Brunswick Blvd.

Pointe Claire, QC H9R 4R7 Canada

Telephone: 514-695-0380 • Facsimile: 514-695-6820

