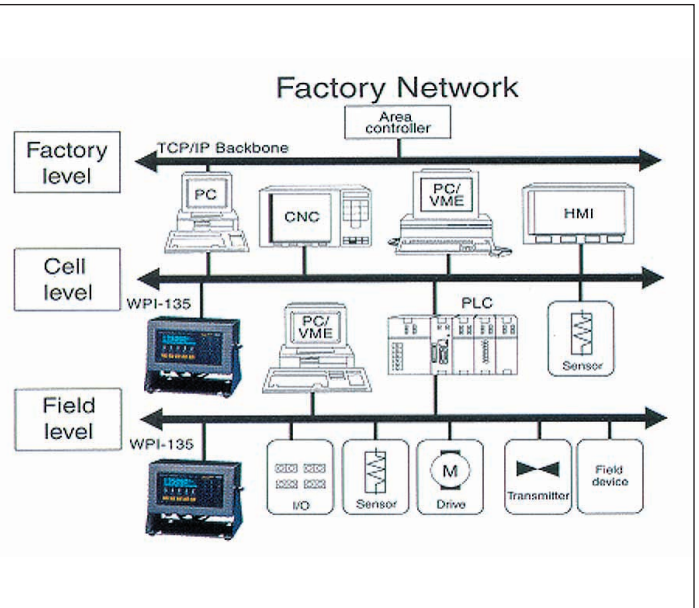


# WPI-135 Programmable Digital Weight Indicator



The Atrax WPI-135 delivers improved speed and control through a faster, more powerful microprocessor. Plus, its enhanced programming functions allow the WPI-135 to replace a PLC in many control applications. The unit is capable of controlling multi weigh-station decks, which is essential today for a modern cargo operation. The use of a graphic screen enables the unit to display system messages as well as multiple lines of weight information. The programmability of the unit allows the system to be personalised to the clients specific operational requirements. The WPI-135 is 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.

## SPECIFICATIONS

<b>Power input:</b>	Universal 85 to 265 VAC 50/60 Hz 75VA
<b>Excitation:</b>	10 Volts DC or 10 Volts square wave capable of driving up to thirty two 350-ohm weight sensors.
<b>Operational keys:</b>	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 acknowledgement when they are activated.
<b>Operational annunciators:</b>	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)
<b>Display rate:</b>	Selectable, from 1 in 10 seconds to 10 times per sec.
<b>Analog to digital conversion rate:</b>	60 times per second
<b>Unit of measure:</b>	Pounds, kilograms, grams, ounces, pounds and ounces and four programmable custom units.
<b>Capacity selections:</b>	Up to 10,000,000 selectable
<b>Incremental selections:</b>	Multiples and sub multiples of 1, 2, 5
<b>Decimal locations:</b>	88888888 - Programmable location relative to division size

<b>Displayed resolution:</b>	Up to 1 part in 10,000,000
<b>Audio output:</b>	Audio tone for key contact assurance or operational alarms
<b>Time and date:</b>	Battery protected real time clock is standard
<b>Internal resolution:</b>	1,000,000 counts analog, Quartzell® transducer higher
<b>Harmonizer™ digital filtering:</b>	Fully programmable to ignore noise and vibration
<b>Standard input and outputs:</b>	Four Standard fully bi-directional serial Ports: Com 1:RS232, RS-485/422, Quartzell® Com 2:RS232, 20 mA current loop Com 3:RS232, RS485/422, Quartzell®, 16550 UART Com 4:RS232, RS485/422, Quartzell®, 16550 UART Four setpoint I/O ports via OPTO 22 I/O modules 1 Analog Scale Input
<b>Dimensions:</b>	184 mm x 279 mm x 205 mm (7.25" H x 11" W x 8.25" D)
<b>Available options:</b>	<ul style="list-style-type: none"> <li>• Multiple analog scale inputs, up to seven additional</li> <li>• Eight Fully Isolated, Programmable Analog Outputs, Selectable 4-20mA, 0-5VDC, 0-10VDC, 0-20mA, 0-24mA, +/-5VDC, +/-10VDC</li> <li>• I/O expandable up to 64 x Solid State (OPTO 22 Modules) or 16 x Electro-mechanical relay drivers</li> <li>• OPTO 22 (Generation 4) I/O Modules</li> <li>• PC/104 Compatible Expansion Bus</li> <li>• Expanded memory</li> <li>• PC(AT) style Alpha Numeric Keyboard</li> <li>• Alpha-numeric, Serial PC-style keyboard RS232/TTL</li> <li>• Field programmable with Simposer®</li> </ul>
<b>Fieldbus Network Interfaces:</b>	<ul style="list-style-type: none"> <li style="width: 50%;">• DeviceNet™</li> <li style="width: 50%;">• ProfiBus®</li> <li style="width: 50%;">• ControlNet™</li> <li style="width: 50%;">• InterBus-S</li> <li style="width: 50%;">• ModBus+</li> <li style="width: 50%;">• Ethernet (TCP/IP-Modbus)</li> </ul>
<b>Operating temp:</b>	-40° to 60°C (-40° to 140°F)
<b>Enclosure:</b>	Stainless steel washdown enclosure, IP65 (NEMA 4X)
<b>Weight:</b>	6.8kg, 14lb
<b>Agencies:</b>	NTEP Class III/III.L:10,000d, Canada Consumer Affairs, OIML, UL/CUL, FCC Class A

### Atrax Group NZ Limited.

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