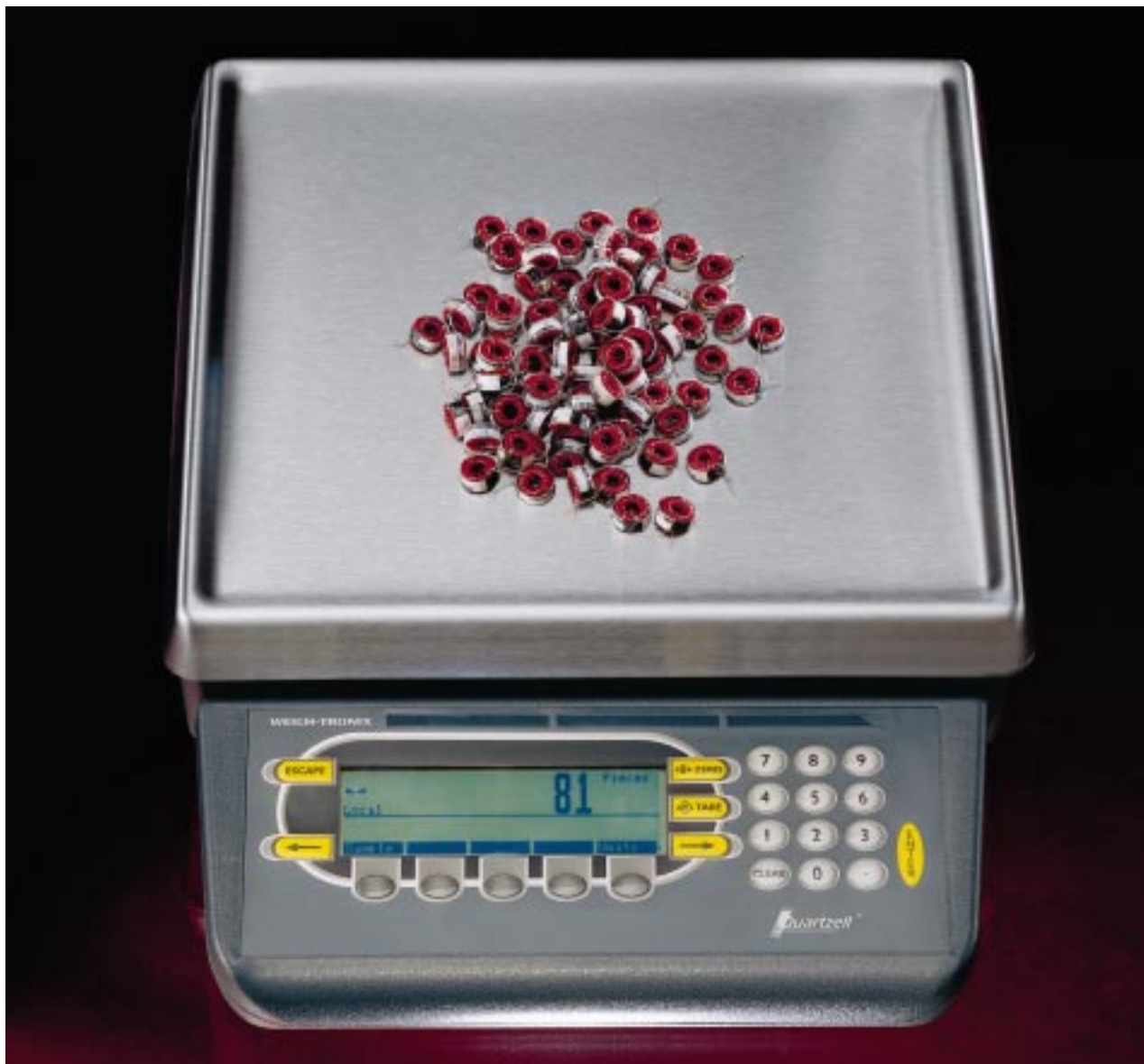


WEIGH-TRONIX

Exclusive Quartzell® accuracy teams with high performance and flexibility to deliver outstanding value.



PC-821 Counting Scale

Features and benefits

Quartzell® sensitivity - The revolutionary, purely digital Quartzell transducer has extraordinary 1:2,000,000 internal resolution. This sensitivity means smaller sample sizes and improved accuracy, letting one scale do the job of two.



A model of simplicity - Easy-to-follow prompts guide the operator, insuring correct use in all applications.

Customize to your needs - Five separate "soft keys" allow you to configure the PC-821 to fit your exact needs. There's no need to clutter up your scale with unwanted functions. As your needs change, the scale can be reconfigured.

Adapt to various configurations - Store up to 1,000 parts in the internal data base, interface with serial printers and bar code guns/wands, remote bases, etc. When your needs change, the PC-821 can be reconfigured to meet them.

Battery operation - The PC-821 has both an internal and external battery option to provide complete portability. Power the scale, bar code scanners, remote keyboards and more, without cumbersome power cords. With its internal data base, it's perfect for cycle-counting applications.

Specifications

| Capacity | Standard Resolution | Expanded Resolution |
|----------|---------------------|---------------------|
| 10 lb | .001 lb | .00005 lb |
| 50 lb | .005 lb | .0002 lb |
| 100 lb | .01 lb | .0005 lb |
| 5 Kg | .0005 Kg | .00002 Kg |
| 25 Kg | .002 Kg | .0001 Kg |
| 50 Kg | .005 Kg | .0002 Kg |

Power input (inline transformer): 115 VAC, 50/60 Hz, Optional 230 VAC, 50/60 Hz

Operational keys: Zero, Tare, Enter, Escape, Clear, 0-9, Decimal Point, Previous, Next, and 5 Soft Keys
All keys provide users with tactile and (configurable) audio acknowledgement when they are activated

Operational annunciators: Display symbols include Stability, Active Tare, Current Base, Center of Zero, Low Battery, Unit of Measure and Display Label

Display: 240 x 64 dot matrix LCD display, 5" x 1.33" displayable area

Display rate: Selectable, 0.1 to maximum readable updates

Units of measure: Pounds, kilograms, grams, ounces, pounds and ounces, and two fully custom units of measure

Displayed resolution: Up to 1 part in 500,000

Time and date: Battery protected real time clock (Y2K compliant)

Internal resolution: Quartzell: 1 part in 2,000,000; Analog (optional): 1,000,000 counts analog

Harmonizer digital filtering: Fully selectable to ignore noise and vibration

Options

Remote scale card with connections for an analog base with analog to digital conversion rate of 60 times per second and an external Quartzell® interface

Remote expanded control interface for 8, 16, 24, or 32 OPTO 22 I/O modules (SSCU-8)

Internal battery: Two 6-Volt batteries with internal charger. Up to 19 hours continuous operation

External battery: BP-25R 12-Volt battery with built-in charger. Up to 38 hours continuous operation

230 VAC inline transformer

Ball top (N/A on 10-lb. scale)

Alpha-numeric, serial keyboard

Draft shield for 10-lb. scale (recommended for displayed resolutions above 10,000 divisions)

Expanded RAM able to store up to 2,000 records in database.

Memory: Capable of storing 1000 records including part number (16 char), description (32 char), count accumulator, tare, and piece weight.

Power saving: Power-saving timer has capability of shutting the scale off. Any keypress wakes the scale.

Standard input and output:

Com1: RS-232 or RS-485; can be used for printing, bi-directional communications, or interfacing with a remote Quartzell® base

Com2: RS-232; bi-directional port or capability of connecting to a serial keyboard (TTL or RS-232), scanner, and printer at the same time
I/O: I²C connection capable of connecting to as many as 32 OPTO 22 I/O modules

Operating temperature: 14°F to 104°F (-10°C to 40°C)

Dimensions:

Platform 12" x 14" (50- and 100-lb models)

Platform 8.5" dia. (10-lb. model)

Overall 14" W x 17" D x 4.5" H

Weight: 18.5-lbs. (Internal options increase weight)

Agencies: UL/CUL, CE

Warranty: 2 years

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