

Wheel/Axle Scales

Intercomp PT300™ / PT300DW™ Wheel Load Scale



PT300DW shown

Standard Features

- 20 mA current loop data interface
- Operates on six 1.2 volt NiCad (standard) or alkaline batteries
- Battery life: approximately 1500 charge/discharge cycles
- Battery duration between charges: Approximately 8 hours of continuous use before the scale shuts itself off. (These numbers are lowered by the use of the lamps or active current loop transmission.)
- Charging voltage: 11.5 volts — 14.5 volts DC Protection is provided for accidental reversal of the charging connections
- Charging current starts at 300mA and drops down to 50mA after 8 hours
- Charging time: 8 hours if the batteries are discharged to the point of turning off the scale

Specifications

HUMIDITY:

10 to 95% non-condensing

TEMPERATURE:

Operating: -20°F to 150°F (-28°C to 65°C)

Storage: -40°F to 170°F (-40°C to 75°C)

EMI/RFI:

Meets Mil Spec 461

VOLTAGE:

Self-contained nickel cadmium batteries (standard) or alkalines
Integral recharger to charge or operate from a 12, 115 or 230 volt power source

AXLE TOTALIZING OUTPUT:

Transmits weight to another scale for totalizing individual axles. Will totalize axles, tandem axles or wheel groups

PRINTER OUTPUT:

20mA passive current loop to interface with a remote printer or remote display

CONTROLS:

All controls are located on a waterproof membrane keypad with large contact surfaces

PRINT:

When activated, outputs weight local

ON/OFF:

Two separate switches for coinvent operation

ZERO/TEST:

Pushbutton zero: Checks for motion to HB-44.

Test: Performs internal test

HOLD/RELEASE:

Hold: places scale in automatic capture mode for in-motion weighing.

Release: places scale in "normal" static weighing mode

LAMP:

Momentary action to activate high efficiency light emitting diodes for night usage

LB/KG:

Sets units of measure

LOCAL/TOTAL:

Local: Standard mode for weighing

Total Mode: Enables the scale to accumulate weights

INDICATORS:

Total: Accumulative mode of weighing

Battery: Low battery

Hold: In-motion weighing mode

lb/kg: Unit of measure

SPEED:

950 milliseconds to typical reading (static)

ACCURACY:

± 1% of reading static mode

± 2% of reading hold mode

UNITS OF MEASURE:

lbs, kg selectable

SAFE OVERLOAD:

150% of capacity

OVERALL SIZE:

PT300: 3" x 16" x 20" (76 mm x 406 mm x 508 mm)

PT300DW: 3" x 26" x 20" (76 mm x 660 mm x 508 mm)

PLATFORM SIZE:

PT300: 12" x 12" (305 mm x 305 mm)

PT300DW: 22" x 14" (559 mm x 356 mm)

WEIGHT:

PT300: 37 lb (16.8 kg)

PT300DW: 49 lb (22 kg)

CASE:

Heat treated aluminum

APPROVALS:

NTEP certified (PT300-50 only) Class IV CC # 90-106P

WARRANTY:

1-year limited warranty