# CW250™

## BENCH & FLOOR**SCALES**

**Infrared Remote Control**

*Intercomp's portable, electronic CW250 scale comes in 14 high accuracy models.*

With its compact lightweight design, the CW250 is ideal for weighing tanks, drums, boxes, cylinders, hazardous waste and miscellaneous items. Fourteen high performance models ranging in capacities from 150-2,000 lbs and sizes of 15 x 15 or 24 x 24 inches, this rugged, all aluminum, battery operated self contained unit can be brought to almost any weighing application.

- **Lightweight, portable and rugged**
- **Platform sizes:**
  **15 x 15 or 24 x 24 inches/**
  **381 x 381 or 610 x 610 mm**
- **Capacities from 150 - 2,000 lbs/**
  **75 - 1,000 kg**
- **Stainless steel switches**
- **Self contained battery operated Indicator standard or optional remote**
- **Handy ramps and transport wheels**
- **RS232 or RS485 output**
- **General purpose applications (also weighs baggage and passengers!)**
- **Giant 1 inch/25 mm LCD Display**
- **Efficient design – 25 hours of continuous operation**
- **Power down weight recall**
- **Infrared remote control**

**15˝x 15˝ Platform**

**24˝x 24˝ Platform with optional Ramp**

## Intercomp®
advanced weighing technology . . . by any measure

With its compact design, plus easy portability, the Intercomp Model CW250™ Scale is ideal for weighing 55-gallon drums, chlorine cylinders, propane bottles, freon tanks, hazardous medical wastes and other liquid or gaseous containers. But those are just a few uses. Think of the many other items in your plant that you can weigh with it.

It's available in fourteen high performance models with capacities ranging from 150 to 2,000 lb/75 to 1,000 kg. There are two sizes of weigh platforms: 15" x 15" x 4" / 381 x 381 x 100 mm, and 24" x 24" x 4" / 610 x 610 x 100 mm. This rugged, all aluminum, self-contained unit provides accuracy of ±0.1% (NTEP Class III) of applied load.

Fully battery operated, this Intercomp scale requires only infrequent recharging from any 12, 120 or 220 volt power source (charger adapter and cable provided). To record weights, the scale will interface with an optional printer or display (such as our P-DP printer or SA2000 display).

**Optional Remote Indicator**



# Specifications

## OPTIONS

- Remote Indicator (Pedestal, floor or wall)
- 220V, 50Hz Charging Transformer
- Ramp
- Battery Operated Tape Printer
- Transport Wheels

## GENERAL INFORMATION ON CW250 SCALE

This unit is designed as an NTEP Class III weighing device.

**Data Interface:** RS485/RS232 Output

**Batteries:** Six AA 1.2 volt nickel cadmium (standard), or six AA 1.5 volt alkaline

**Battery Life:** Approximately five years (1500 charge/discharge cycles.)

**Battery duration between charges:**
Approximately 25 hours of continuous use before the low battery indicator comes on, and up to two hours after that before the scale automatically shuts itself off. (These numbers are lowered by use of lamp or active current loop transmission.)

**Charging Voltage:** 11.5 volts to 14.5 volts DC. Protection is provided for accidental reversal of 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 shutting off the scale.

**Construction:** All aluminum design provides EM/RFI immunity.

**Accuracy:** ±0.1% of applied load (NTEP Class III)

**Remote Control:** Infrared

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## SPECIFICATIONS

### AMBIENT

**Humidity:** 5 to 95% Non-Condensing

**Temperature:**

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

Storage:
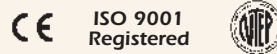-40°C to 75°C
-40°F to 170°F

**EMI/RFI:** Meets Mil Spec 461

### PHYSICAL:

**Dimensions and weight:**

24" x 24" x 4"/610 x 610 x 100 mm
85 lbs/39 kg

15" x 15" x 4"/381 x 381 x 100 mm
38 lbs/17 kg

Case: Aluminum

### ELECTRICAL:

Voltage; Self-contained nickel cadmium batteries (standard) or alkalines. Integral recharger to charge or operate from a 12, 110 or 220 volt power source.

CE  **ISO 9001 Registered**  NTEP

### CONTROLS

| | |
|---|---|
| **General:** | All controls are located on a waterproof keypad with large stainless steel switches |
| **On/Off:** | Pushbutton On/Off |
| **Zero/Test:** | Pushbutton zero checks for motion to HB-44 Test performs internal test |
| **Local/Total:** | Displays local weight or group total |
| **Print/ Accumulate:** | Prints or accumulates displayed weights |

### INDICATORS

| | |
|---|---|
| **Battery:** | Low battery |
| **lb/kg:** | Unit of measure |
| **Local/Total:** | Local weight or total of selected scales |
| **Accumulated Total:** | Total of all accumulated weights |

### PERFORMANCE:

**Speed:** 950 milliseconds to typical reading (static).

**Accuracy:** ±0.1% of reading static mode.

**Units:** lb, kg, programmable

**Safe Overload:** 150% of capacity

## CAPACITIES AND GRADUATION SIZES AVAILABLE:

| MODEL | CAPACITY / GRADUATION | PLATFORM SIZE |
|---|---|---|
| CW250-150-05S | 150 X .5 lb/75 X .02 kg | 15"x15"x4"/381x381x100 mm |
| CW250-300-1S | 300 X .1 lb/150 X .05 kg | 15"x15"x4"/381x381x100 mm |
| CW250-500-5S | 500 X .5 lb/230 X .2 kg | 15"x15"x4"/381x381x100 mm |
| CW250-500-2S | 500 X .2 lb/230 X .1 kg | 15"x15"x4"/381x381x100 mm |
| CW250-1000-5S | 1000 X .5 lb/450 X .2 kg | 15"x15"x4"/381x381x100 mm |
| CW250-1500-5S | 1500 X .5 lb/680 X .2 kg | 15"x15"x4"/381x381x100 mm |
| CW250-2000-1S | 2000 X 1 lb/900 X .5 kg | 15"x15"x4"/381x381x100 mm |
| CW250-150-05 | 150 X .5 lb/75 X .02 kg | 24"x24"x4"/610x610x100 mm |
| CW250-300-1 | 300 X .1 lb/150 X .05 kg | 24"x24"x4"/610x610x100 mm |
| CW250-500-5 | 500 X .5 lb/230 X .2 kg | 24"x24"x4"/610x610x100 mm |
| CW250-500-2 | 500 X .2 lb/230 X .1 kg | 24"x24"x4"/610x610x100 mm |
| CW250-1000-5 | 1000 X .5 lb/450 X .2 kg | 24"x24"x4"/610x610x100 mm |
| CW250-1500-5 | 1500 X .5 lb/680 X .2 kg | 24"x24"x4"/610x610x100 mm |
| CW250-200-1 | 2000 X 1 lb/900 X .5 kg | 24"x24"x4"/610x610x100 mm |

**CW250 is a trademark of Intercomp.**
**Specifications are subject to change without notice.**