

Counting Scales

# HC-i

Series



*Simple and Easy Operation with High Performance Counting Function!*

**AND**  
A&D Company, Ltd.

Discover Precision

<http://www.aandd.jp>

# Faster and Accurate Counting with Unique Accessibility Features

The HC-i series of high value counting scales provide 1 in 600,000-750,000 count accuracy while facilitating your operation with such features as the unit weight entry navigator and audible weighing assist.

## Unit Weight Entry Navigator

Simply follow the blinking lights to obtain the unit weight. The HC-i series is very user-friendly! Select your preferred method for unit weight entry; sample size weighing, 10-key pad input or ID number data retrieval.



## Audible Weighing Assist (AWA)

The beep function tells you that you have almost reached your target quantity. The scale begins to make a beeping sound at shorter intervals, making your counting job faster and easier.

## Automatic Counting Accuracy Improvement (ACAI)

ACAI automatically corrects errors caused by variation in unit weights. This function provides greater counting accuracy.

## Detachable Display Unit

It is possible to put the display unit on a table or wall for diverse counting applications. (Standard cable: 60cm, Optional extension cable HC-08i: 2m)

## Comparator Function

The scale can indicate whether the count or weight of pieces is within the designated limits with "HI", "OK" or "LO" display.

## Sealed Lead Acid (SLA) Rechargeable Battery

Optional SLA battery (6V, 4Ah) has an approximate 80-hour battery life when fully charged.

## Accumulation Function

Total piece calculation stored in memory. Works in automatic mode or manual mode.

## ID Memory Function

The scale can store up to 99 unit weights with tare weight and comparator limits by ID numbers (ID 01 to ID 99).

## Universal Flexi Coms (UFC)

You can design your own printing format and easily print out the measurement data.

## Auto Power OFF Function

Battery save function for SLA (Sealed Lead Acid). Switches OFF automatically if zero is displayed continuously for 5 minutes.





# HC-i



Optional



## Calibration Function

Simple and easy to calibrate with external standard mass by full digital calibration for accurate weighing.

## Large LCD Display showing Detailed Information

Displays piece counting, weight, unit weight, ID number, comparison result by “HI”, “OK” or “LO” and AC or battery power supply.

## Simple Operation Mode

By setting only the keys necessary for your operation, you can avoid making any unwanted operational mistakes. This mode is available for zero setting, tare weight cancel setting, and sample counting setting.

## High Internal Resolution & Wide Counting Range

High internal resolution of 1/600,000 (HC-3Ki / 6Ki / 30Ki) or 1/750,000 (HC-15Ki) is enhanced for greater counting accuracy.

## Easy Data Retrieval

It is easy for the user to instantly retrieve article data such as the ID number, unit weight, tare weight and comparator upper/lower limits without any difficulties. It helps to improve the effectiveness and reliability of the operation. Especially effective for multi product lines.

## Large Stainless Steel Weighing Pan

Large articles can easily be placed on the weighing pan. The weighing pan is removable and easy to clean.

## Specifications

|                      | HC-3Ki   | HC-6Ki       | HC-15Ki      | HC-30Ki     |
|----------------------|--|--------------|--------------|-------------|
| Capacity kg          | 3kg  | 6kg          | 15kg         | 30kg        |
| Resolution kg        | 0.0005kg   | 0.001kg      | 0.002kg      | 0.005kg     |
| Capacity lb          | 6lb  | 15lb         | 30lb         | 60lb        |
| Resolution lb        | 0.001lb  | 0.002lb      | 0.005lb      | 0.01lb      |
| Sample Size          | 10 pieces normal -5, 25, 50, 100 or random number, user selectable                                 |              |              |             |
| Min. Unit Weight*    | 0.1g / 0.005g  | 0.2g / 0.01g | 0.4g / 0.02g | 1g / 0.05g  |
| Internal Resolution  | 1 / 600,000  |              | 1 / 750,000  | 1 / 600,000 |
| Non-linearity        | ±0.5g  | ±1g          | ±2g          | ±5g         |
| Repeatability        | 0.5g   | 1g           | 2g           | 5g          |
| Span Drift           | 0.002% / °C (5°C~35°C) typ.  |              |              |             |
| Operating Temp.      | -10°C to 40°C / 14°F to 104°F, 85%RH or lower (No condensation)                                    |              |              |             |
| Display              | 7 segment LCD, Character height: pcs 18.6mm, weight/unit weight 11.4mm                             |              |              |             |
| Display Update       | Approximately 10 times per second  |              |              |             |
| Max. Count Display   | 600,000  |              | 750,000      | 600,000     |
| Interface            | RS-232C (option)   |              |              |             |
| Power                | AC adapter or SLA Battery (option)<br>Battery Operating Time : Approx. 80-hour (without interface) |              |              |             |
| Platform Size        | 300 x 210 mm / 11.8 x 8.3 inches   |              |              |             |
| Dimensions           | 315(W)x 331(D)x 126(H)mm / 12.4(W)x 13.0(D)x 5.0(H)inches  |              |              |             |
| Weight (approx.)     | 4.8kg / 10.6lb   |              |              |             |
| Calibration Weight   | 3kg ±0.1g  | 6kg ±0.2g    | 15kg ±0.5g   | 30kg ±1g    |
| Standard Accessories | Instruction manual, AC adapter   |              |              |             |

\*Min. unit weight varies according to the function setting (F-02-03) Specifications are subject to change for improvement without notice.

## Options

HC-02i Sealed Lead Acid Battery (6V, 4Ah)

HC-03i\* RS-232C

HC-04i\* RS-232C + Relay Output

HC-08i Extension Cable (2m)

\* HC-03i and HC-04i cannot be used at the same time.

## Accessories

AD-1688 Weighing Data Logger

AD-8127 Compact Printer

AD-8118C Journal Printer

AD-8527 Quick USB Adapter

AX-USB-DIN Serial/USB converter and cable set

AX-KO1786-200 RS-232C cable (9P-DIN)



AD-1688  
Weighing Data Logger



AD-8527  
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AD-8127  
Compact Printer



## Discover Precision

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