



INTELLIGENT INDICATOR

# iZ-7000

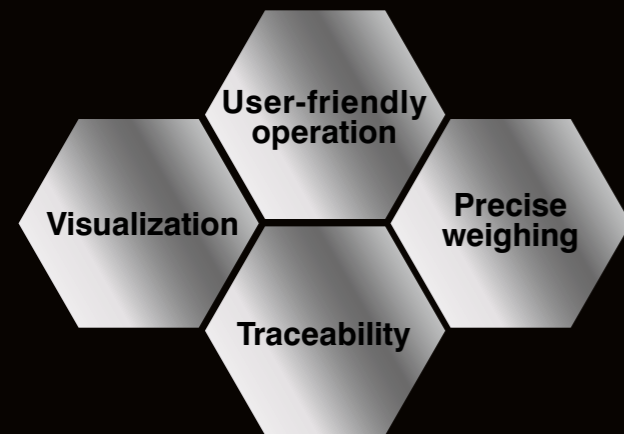


INTELLIGENT INDICATOR iZ-7000

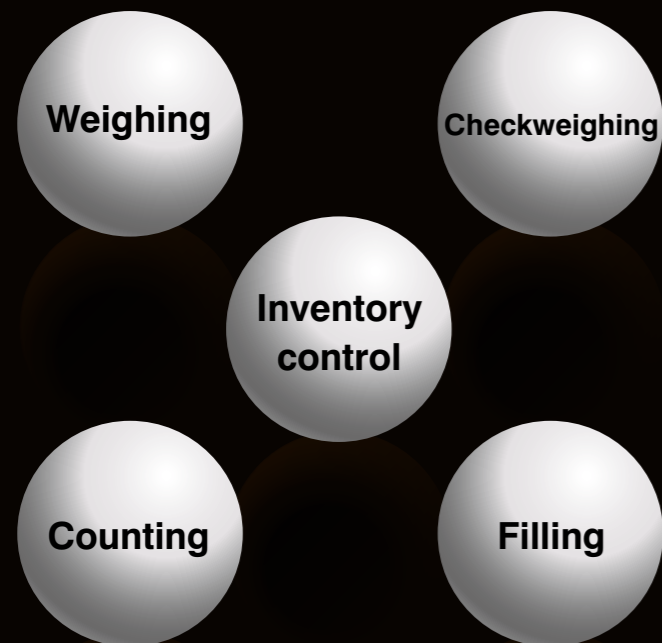
# WEIGHING INDICATOR WITH

- Information multi scale, iZ-7000 supports automation of weighing operation.
- Dual 7-inch colour touch screen makes operation user-friendly
- Versatile functions precisely guide operator in diversified operation.
- Designed for multi-purpose usage and harsh environments

iZ-7000 satisfies various requirements at workplace

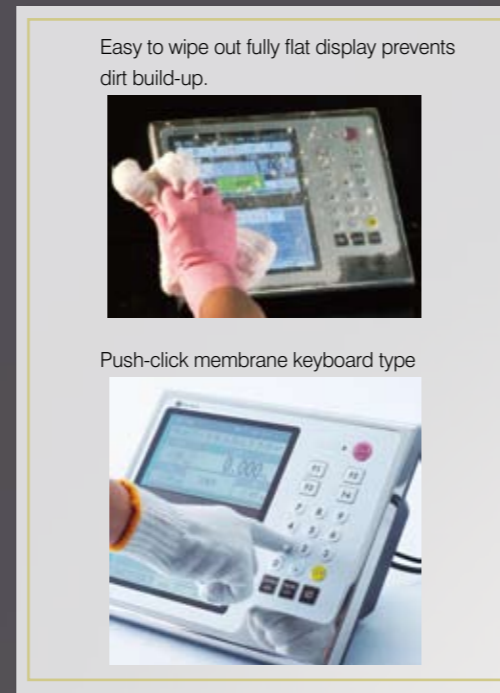
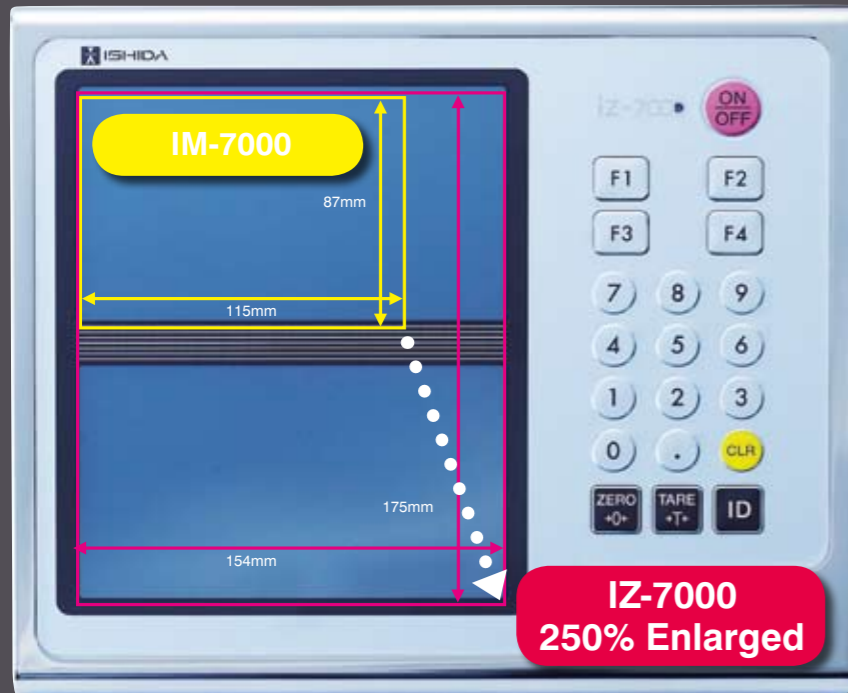


iZ-7000's built-in software modules

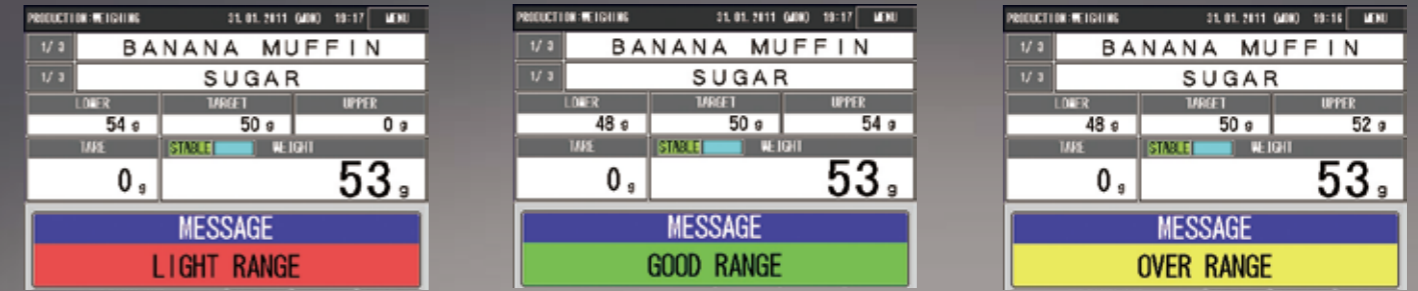


# BUILT-IN SOFTWARE MODULES





Checkweighing system



Inventory control

Newly developed inventory function helps to keep inventory record.



Receipt

- Loading receipt item on IZ-7000
- Press "IN" key
- Adding the weight of receipt item on inventory weight

Shipment

- Weighing item for shipment
- Press "OUT" key
- Subtracting the weight of shipment item from inventory weight

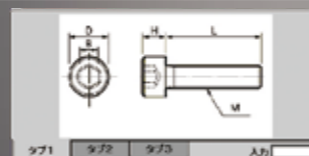
Shortcut key

Allocating frequent operations on function keys improves operation efficiency.



Image viewer

Displaying images, such as product appearance or drawings, reduces operational error.



Item database

Maximum preset item number is over 6,000. In addition, over 50,000 items can be stored by using external USB memory.

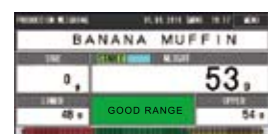
Display pattern

Available three types of display

Free display layout

Editable preset freely designing the layout of keys and display items enable operator to edit user-friendly display.

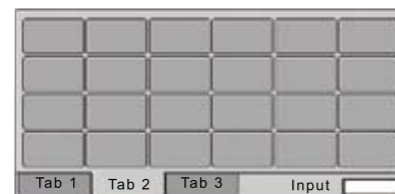
Standard



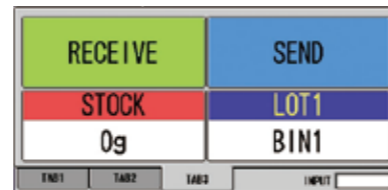
Close-up



Blend



Maximum 6 x 4 preset keys on each tabs can be placed freely.



Counting

Ishida AIZAC software prevents miscount by detecting minute tolerance of piece weight.

If the number of items exceeds the maximum count, AIZAC displays error message to prevent miscount.



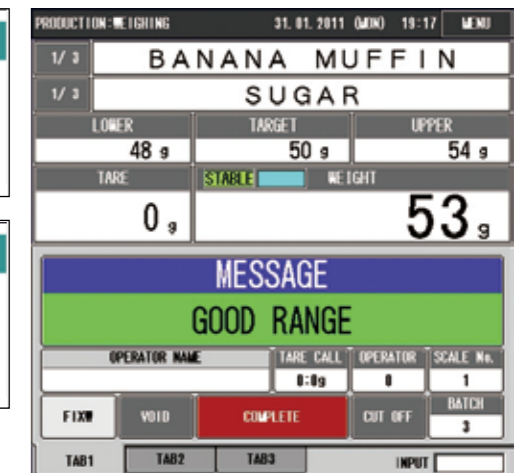
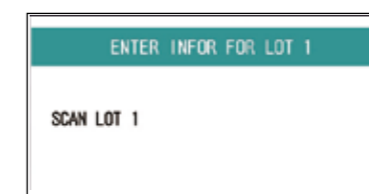
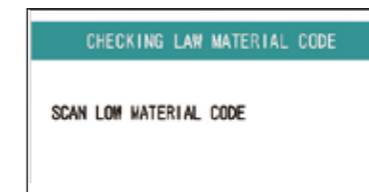
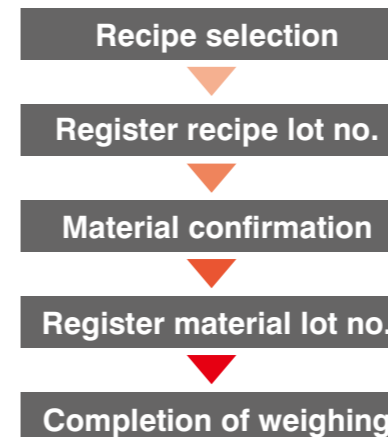
Maximum Count

Counting function counts the product based on their piece weight, so that maximum count is depends on dispersion of piece weights.

Example:

Mean piece weight: 20.056g  
Standard Deviation: 0.958g  
Scale tolerance: 0.6g  
**Maximum count: 10 pieces**

Recipe Control





Signal tower/ Buzzer

Buzzer / signal tower can be connected to the IZ-7000 to easily notify the operation status.



Barcode scanner

IZ-7000 can recognize various symbols, including variable length symbols.

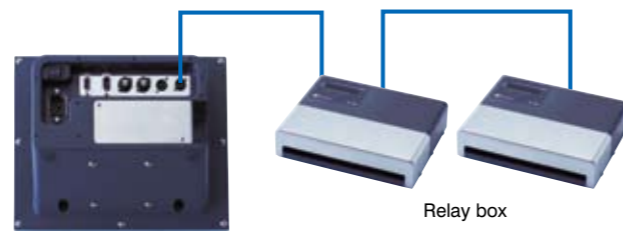
IZ-7000 can connect various types of scanner to optimize working environments.

- Normal scanner
- Two dimensions scanner



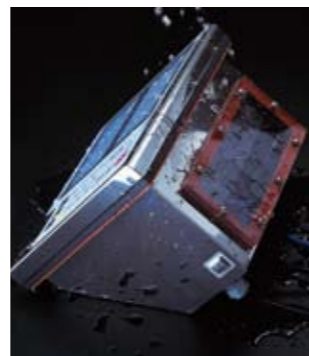
Relay box

Relay box has 8 I/O ports. Two relay boxes may be connected and up to a maximum of 32 devices may be controlled.



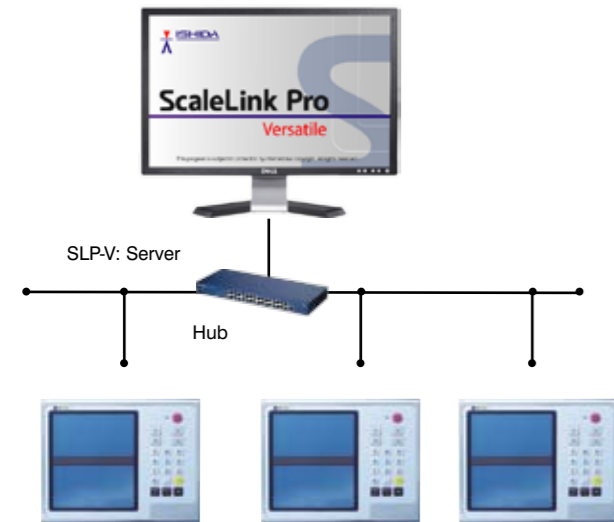
Waterproof housing

Waterproof housing conforms to IP65 standard, IZ-7000 can be used in wet environment, such as food processing center.



System integration

IZ-7000 join ethernet network to share the data between PC and several indicators.



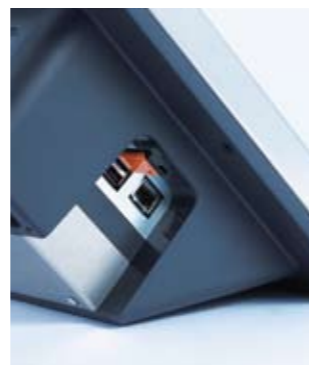
Label printer/ Journal printer

Operation history and weighing results can be printed out with label/ journal printers.



USB memory

IZ-7000 can save and load operation results, product images, master data and other data on USB memory.



Specifications

Type	Desktop					S type	
	Capacity	1.2kg	3kg	6kg	12kg	30kg	60kg
Minimum graduation	0.2g	0.5g	1g	2g	5g	10g	20g
Accuracy	1/6,000					1/6,000	
Sensor	Load cell (resistive type)						
Dimensions	220×310×120				270×390×125	380×530×145	

Type	IW type					
	Capacity	6kg		30kg		150kg
Minimum graduation	1g (0 - 3kg)	2g (3 - 6kg)	5g (0 - 15kg)	10g (15 - 30kg)	20g (0 - 60kg)	50g (60 - 150kg)
Accuracy	1/3,000					
Sensor	Load cell (resistive type)					
Dimensions	250×272×102		350×350×110		380×530×120	

Scale Hub

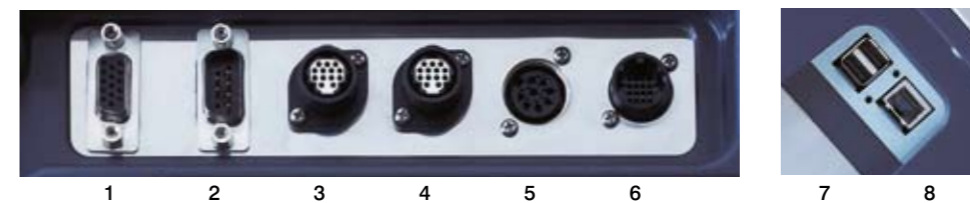
Max. 4 scale units may be connected at the same time

Two scale units can be connected as standard. With optional scale hub, additional two units can be connected.



Various length of scale hub wire are available. (0.8m, 1.0m, 1.5m, 6m and 10m)

Interface



No.	Interface	Device
1	EXTERNAL CONTACT (D-SUB 15pin)	Signal tower/ Buzzer
2	RS-232C (D-SUB 9pin)	Journal printer
3	SCALE1	Scale
4	SCALE2	

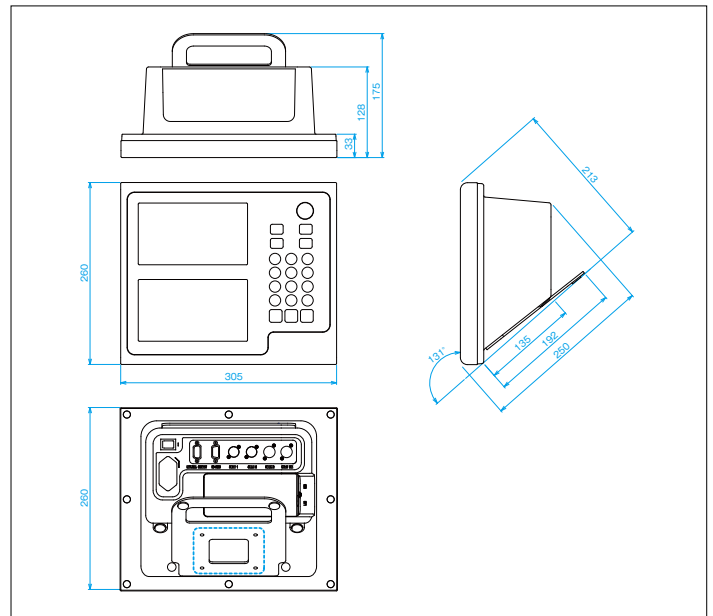
No.	Interface	Device
5	SCANNER (RS-232C DIN-8)	Barcode scanner
6	RELAY BOX	Relay box
7	USB	USB memory
8	ETHERNET *	PC/ Label printer

\* Option

## Specifications

Type	IZ-7000	
Memory	FLASH 32MB SDRAM 64MB SRAM 2MB	
Display	Panel	Dual 7 inch wide TFT color displays (LED back light) 86.5mm x 154mm x 2 sets
	Resolution	480×234dot
	Color	256 colors
	Input	Touch panel Membran key (20 keys)
Interface	* Scale x 2      * Ethernet (100BASE) x 1 * RS-232C x 2(DIN8×1, DSUB9P×1) * USB2.0 x 2 * Relay box I/F x 1 * Signal tower/ Buzzer x 1	
Body	Material	Front cover : Stainless steel Back cover : ABS Operation panel : PET sheet
	Dimensions	305(W) x 260(D) x 250(H)
Power supply	AC85 ~ 110V 50/60Hz	
Power consumption	25W	
Machine weight	3.3kg (Display unit only) (with waterproof housing : 5.5kg)	
Operational temperature	0~35 C RH: 20~85% (without condensation)	
Standard	RoHS (Display unit only)	

## Dimensions



## Type of placement

Standard  
Desktop stand



Support pole



Support pole with rack



Support pole

 **ISHIDA**



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