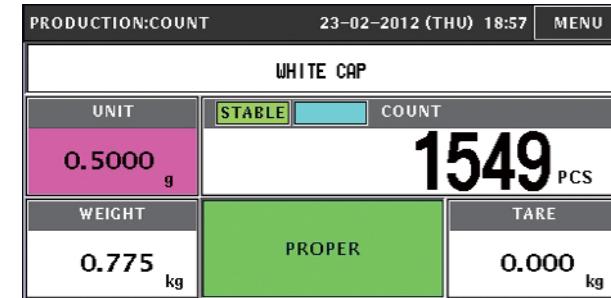


Counting Module

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.

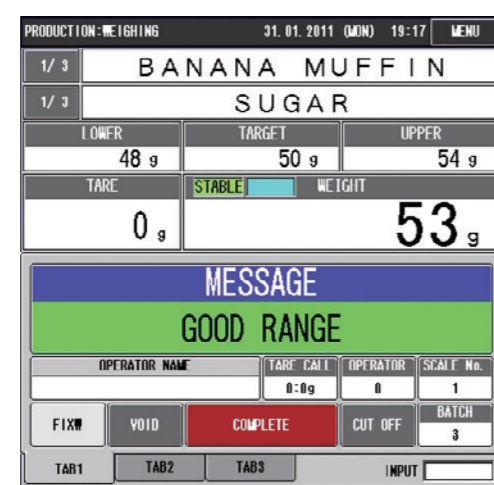
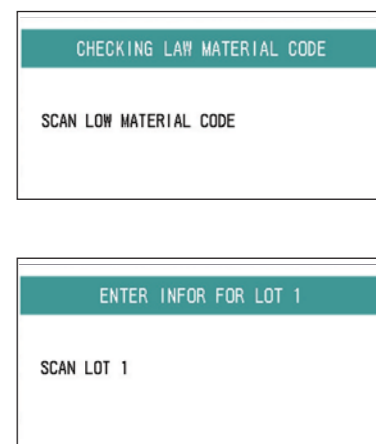


Maximum Count
Counting function counts the product based on their piece weight, so that maximum count is depends on dispersion of piece weights.

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

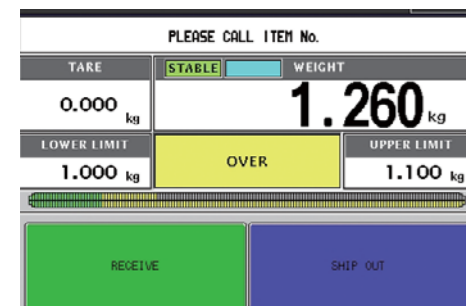
Recipe Control Module

- Recipe selection
- Register recipe lot no.
- Material confirmation
- Register material lot no.
- Completion of weighing



Inventory Control Module

Newly developed inventory function helps to keep inventory record.

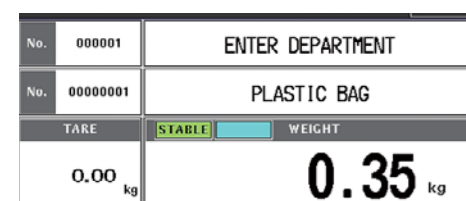


Receipt
Loading receipt item on IZ-7000
Press "IN" key
Adding the weight of receipt item on inventory weight

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

Waste Management Module

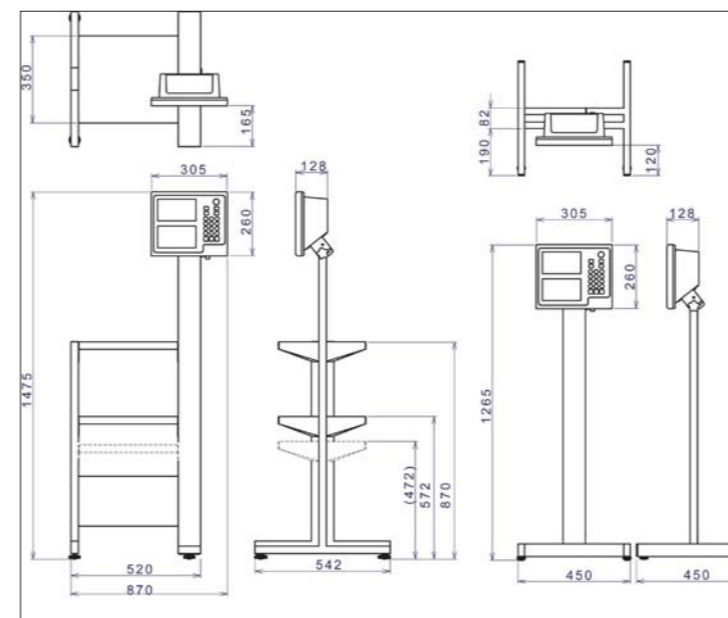
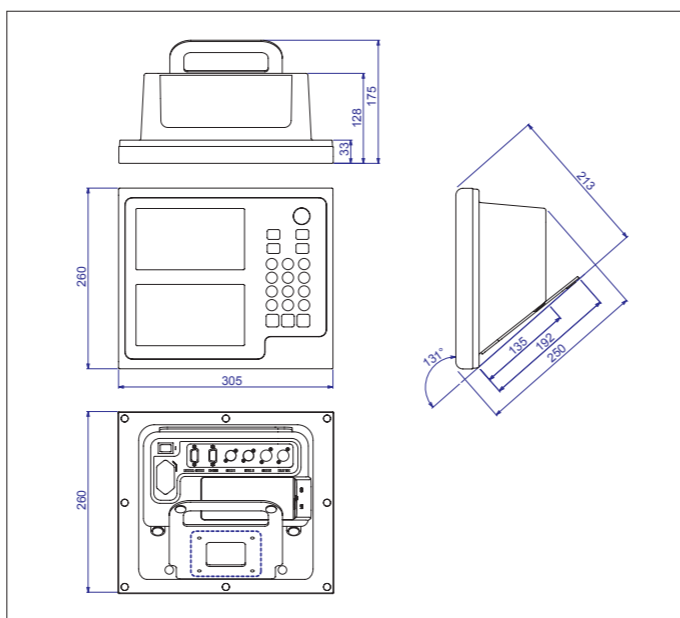
This mode makes easy for your garbage weighing to support to reduce down amount of garbage.



Record amount of garbage per "When", "Who", "What", "How much".
By recording these amount as value, it will support to reduce down amount of garbage.

Specifications	
Type	IZ-7000
Memory	FLASH 32MB
	SDRAM 64MB
	SRAM 4MB
Display	Panel 7" TFT color displays (LED back-light) x 2 86.5mm x 154mm x 2 sets
	Resolution 480x234dot
	Color 256 colors
Input	Touch panel
	Membrane key (20 keys)
Interface	Scale x 4 (Standard x 2)
	Ethernet (100Mbps) x 1
	RS-232C x 2 (DIN8 x 1, DSUB9P x 1)
	USB v2.0 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	AC100 ~ 240V 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 / CE / C-TICK (Display unit only)

Dimensions



Type of placement



Standard Desktop stand



Support pole with rack



Support pole



INTELLIGENT INDICATOR

iz-7000

STYLISH DESIGN, SIMPLE TO OPERATOR - MADE IN JAPAN



ISHIDA CO., LTD. www.ishida.com
44,SANNO-CHO, SHOGGIN SAKYO-KU,
KYOTO 606-8392 JAPAN
Phone : 81-75-771-4141 Facsimile : 81-75-751-1634

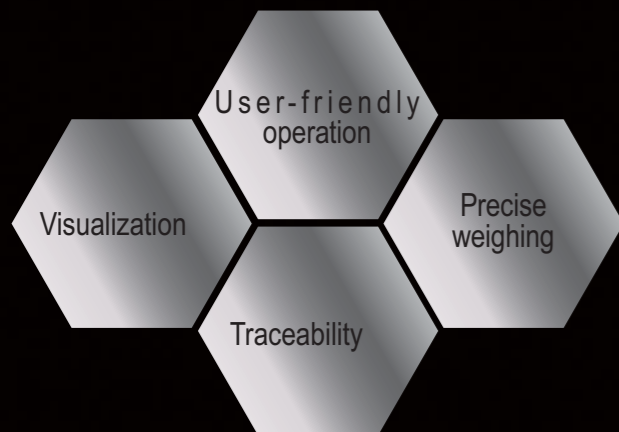
INTELLIGENT INDICATOR

IZ-7000

WEIGHING INDICATOR WITH BUILT-IN

- Information multi-scale, IZ-7000 supports automation of weighing operation
- Dual 7" 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



Optional Accessories

Signal Tower/Buzzer

A signal tower and/or buzzer 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



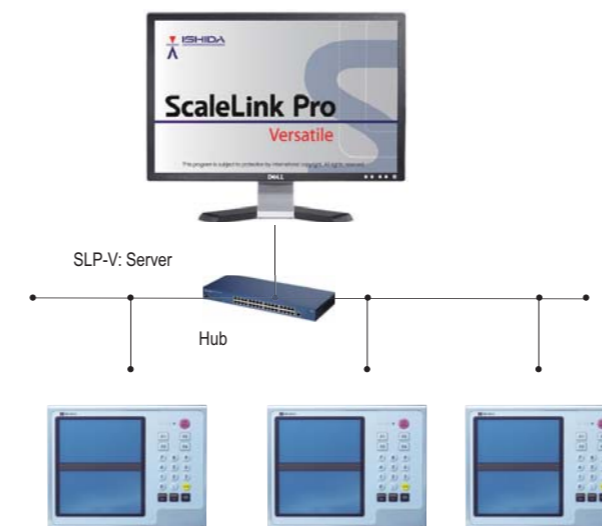
Relay Box

The Ishida Relay Box (IRB16) has 8 I/O ports. Two relay boxes may be connected at the same time meaning up to 32 devices may be controlled.



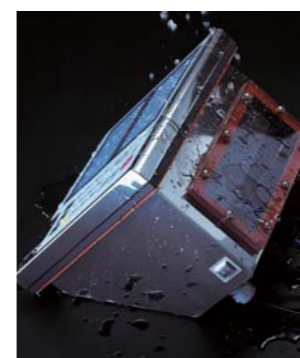
System Integration

The IZ-7000 standard ethernet port allows network to share the data between PC and several other IZ-7000 indicators.



Waterproof Housing

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



Label printer/Journal printer/Mobile printer

Operation history and weighing results can be printed out by connecting external Ishida printers.



USB Memory Stick

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



Scale specifications

Specifications

Type	DESK TOP						
Capacity	1.2kg	3kg	6kg	12kg	30kg	60kg	120kg
Minimum graduation	0.2g	0.5g	1g	2g	5g	10g	20g
Accuracy	1/6,000			1/6,000			
Sensor	Load cell (resistive type)						
Dimensions (mm)	220×310×120			270×390×125		380×530×145	
Weight platter size (mm)	150×210	210×300		270×390	380×530		

Type	WATER PROOF (IP65)					
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 (mm)	250×272×102		350×350×110		380×530×120	
Weight platter size (mm)	250×200		350×350		380×530	

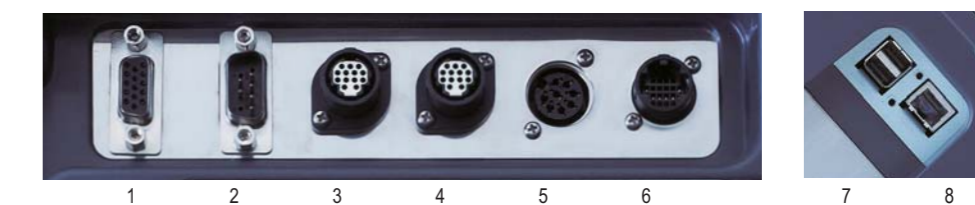
Scale Hub

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.



Interface



No	Interface	Device	No.	Interface	Device
1	EXTERNAL CONTACT (D-SUB 15pin)	Signal tower/ Buzzer	5	SCANNER (RS-232C DIN-8)	Barcode scanner
2	RS-232C (D-SUB 9pin)	Journal printer	6	RELAY BOX	Relay box
3	SCALE1	Scale	7	USB	USB memory
4	SCALE2		8	ETHERNET *	PC/ Label printer

* Option

SOFTWARE MODULES



Inventory Control Module



IZ-7000 helps to improve the storage management and prevent human error for dangerous chemical and medicines by maintaining records of exact usage amount, time and user.

Waste Management Module



IZ-7000 helps improve waste management by recording the exact amount of waste and type daily by whom it's done and when it's done.

Counting Module



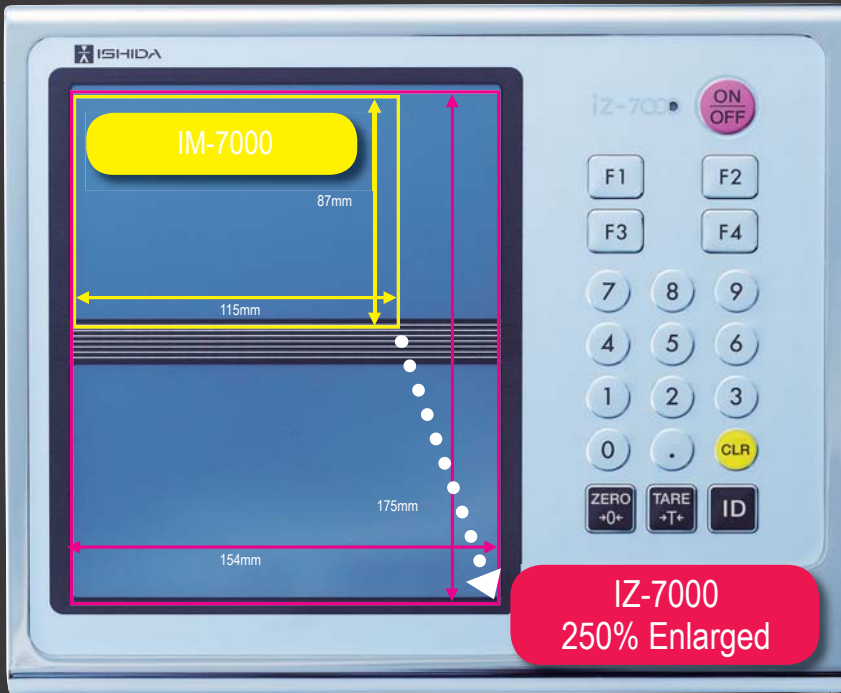
IZ-7000 helps to control the stock, which are managed not only by piece counting such as screws, nuts and plastic cases but also by weight such as food seasoning ingredients, flours, meat, etc. Ishida AIZAC software prevents miscount by detecting minute tolerance of unit weight. If the number of items exceeds the maximum count, AIZAC displays error message to prevent miscount.

Blending/Recipe Control Module



IZ-7000 not only maintains flavour quality but also ensures food safety especially for foods based on mixing such as bakeries, final meat processing or spices. By registering the accurate formula of ingredients, an exact and accurate recipe can be made by anyone whenever it is needed.

Large color touch panel



Easy to clean - Fully flat display prevents dirt build-up.



Push-click membrane keyboard type



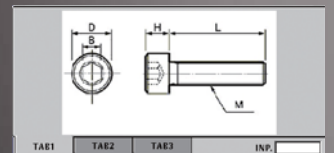
Shortcut key

Allocating frequent operations on function keys improves operation efficiency.



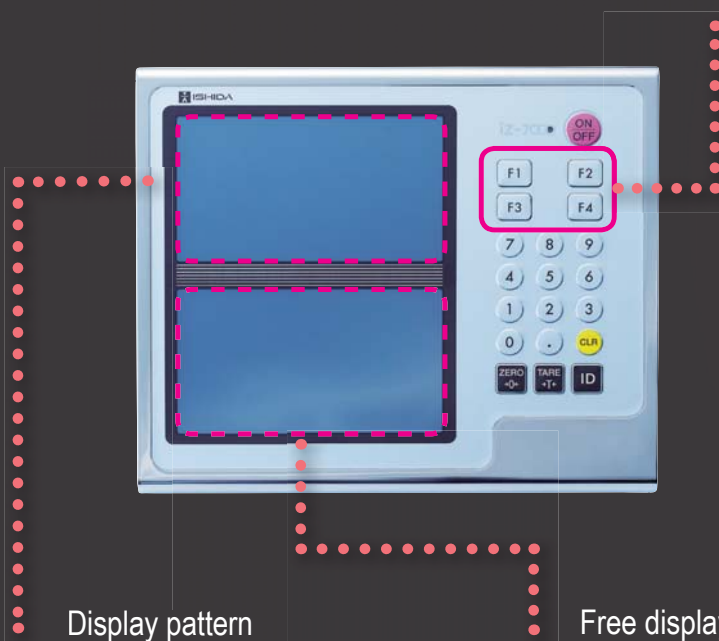
Image viewer

Displaying images, such as product appearance or drawings, helps reduce 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 stick.



Display pattern

Free display layout

Available three types of display

Freely programmable preset keys layout allow the operator to create a user-friendly and personalised display

Standard

PRODUCTION:WEIGHT		24-02-2012 (FRD) 15:31	MENU
WHITE CAP			
TARE	STABLE	WEIGHT	
0.00 kg		0.35 kg	
LOWER LIMIT	PROPER	UPPER LIMIT	
0.00 kg		0.00 kg	

IMAGE DISP					
TAB1	TAB2	TAB3		INP.	

ITEM CODE	SUBTOTAL TARGET		LOT 1		
WHITE CAP	OPCS				
SHOPNAME	REMAIN SUBTOTAL		TARENAME		
LOWER	TARGET	UPPER	TARE No.	SAFETY	SCALE
OPCS	OPCS	OPCS	0.000kg	OPCS	1
SHOP	DELETE	ADD	SUBTTL.	ADD CNT.	
0				0	
TAB1	TAB2	TAB3		INP.	

Close-up

PRODUCTION:WEIGHT		24-02-2012 (FRD) 15:30	MENU
TARE	No	00000001	
0.00 kg	WHITE CAP		
STABLE	WEIGHT		
	0.35 kg		

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

RECEIVE		SHIP OUT	
STOCK		SUBTOTAL TARGET	
0.000kg		100.000kg	
TAB1	TAB2	TAB3	INP.