



INTELLIGENT INDICATOR

iz-7000

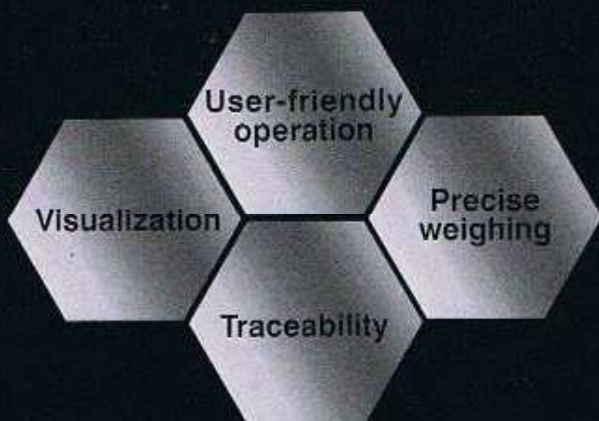


INTELLIGENT INDICATOR iZ-7000

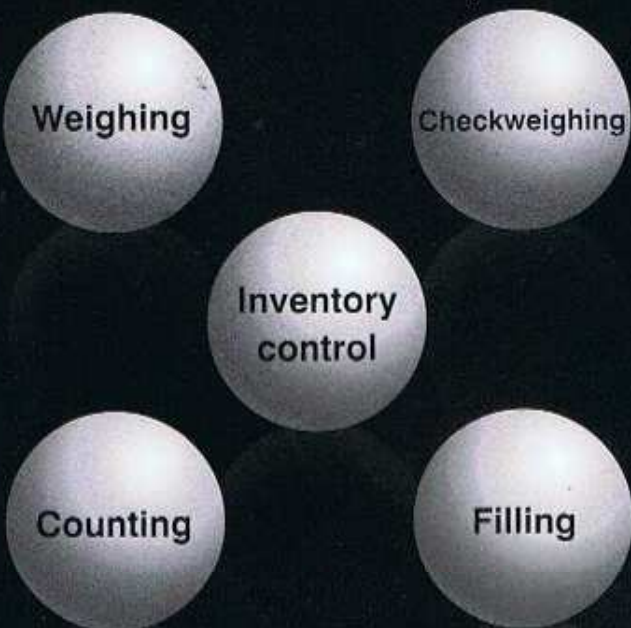
WEIGHING INDICATOR WITH

- 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



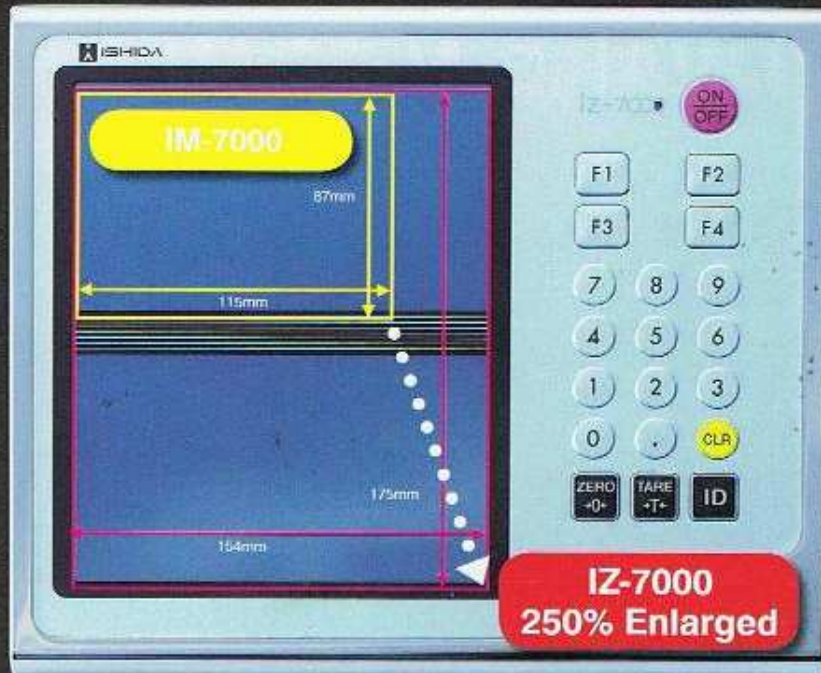
IZ-7000's built-in software modules



BUILT-IN SOFTWARE MODULES



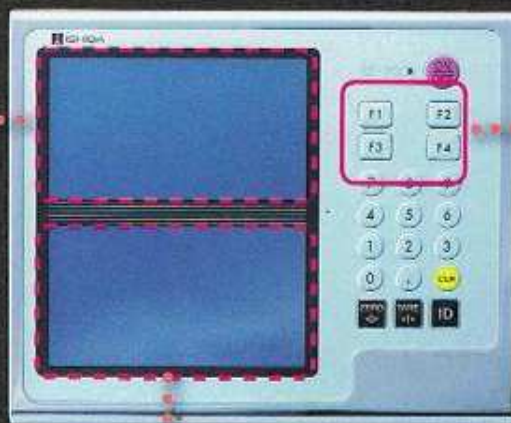
Large color touch panel



Easy to wipe out fully flat display prevents dirt build up.



Push-click membrane keyboard type



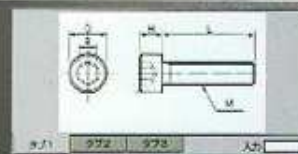
Shortcut key

Allocating frequent operations on function keys improves operation efficiency.



Image viewer

Displaying images, such as product appearance or drawings, 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

Standard



Close-up



Blend



Free display layout

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



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



Checkweighing system

PRODUCTION WEIGHING			31.01.2011	09:00	19:17	MENU
1/3	BANANA MUFFIN					
1/3	SUGAR					
LOWER	TARGET	UPPER				
54 g	50 g	0 g				
TARE	STABLE	WEIGHT				
0 g		53 g				
MESSAGE						
LIGHT RANGE						

PRODUCTION WEIGHING			31.01.2011	09:00	19:17	MENU
1/3	BANANA MUFFIN					
1/3	SUGAR					
LOWER	TARGET	UPPER				
48 g	50 g	54 g				
TARE	STABLE	WEIGHT				
0 g		53 g				
MESSAGE						
GOOD RANGE						

PRODUCTION WEIGHING			31.01.2011	09:00	19:16	MENU
1/3	BANANA MUFFIN					
1/3	SUGAR					
LOWER	TARGET	UPPER				
48 g	50 g	52 g				
TARE	STABLE	WEIGHT				
0 g		53 g				
MESSAGE						
OVER RANGE						

Inventory control

Newly developed inventory function helps to keep inventory record.

1/3	BANANA MUFFIN				
1/3	SUGAR				
LOWER	TARGET	UPPER			
0 g	0 g	0 g			
TARE	STABLE	WEIGHT			
0 g		18 g			
RECEIVE		SEND			

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

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.

PRODUCTION WEIGHING			31.01.2011	09:00	19:17	MENU
BANANA MUFFIN						
PIECE WEIGHT	STABLE	COUNT				
7.0325 g		15 PCS				
WEIGHT	PLEASE REDUCE COUNTS UNDER 10 PCS.	TARE				
107 g		0 g				

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



CHECKING LAR MATERIAL CODE	
SCAN LAR MATERIAL CODE	

ENTER INFO FOR LOT 1	
SCAN LOT 1	

PRODUCTION WEIGHING			31.01.2011	09:00	19:17	MENU
1/3	BANANA MUFFIN					
1/3	SUGAR					
LOWER	TARGET	UPPER				
48 g	50 g	54 g				
TARE	STABLE	WEIGHT				
0 g		53 g				
MESSAGE						
GOOD RANGE						
OPERATOR NAME		TARE CAL.	OPERATOR	SCALE No.		
		0.0g	0	1		
FIX	VOID	COMPLETE	CHK OFF	BATCH		
TAB1	TAB2	TAB3	INVT			

Option

Signal tower/ Buzzer

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



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.



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.



USB memory

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



Scale specifications

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	
Weight platter size	150×210	210×300			270×390	380×530	

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	
Weight platter size	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.



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	

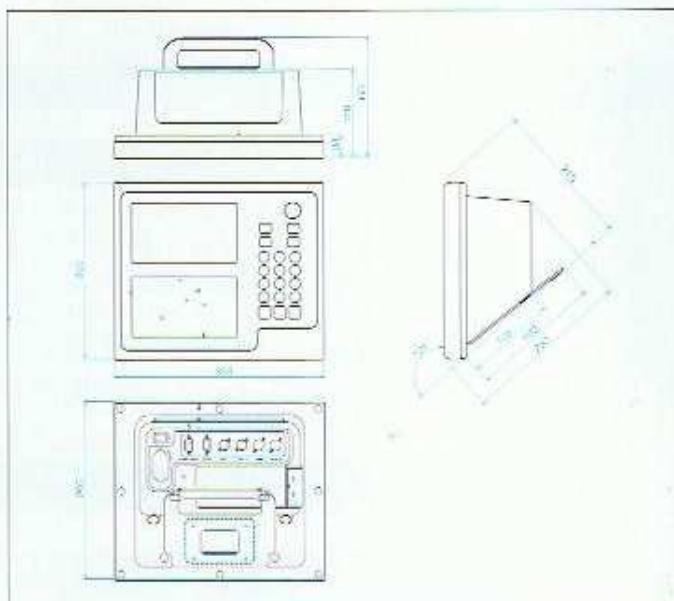
No.	Interface	Device
5	SCANNER (RS-232C DIN-8)	Barcode scanner
6	RELAY BOX	Relay box
7	USB	USB memory
8	ETHERNET *	PC/ Label printer

* 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	480x234dot
	Color	256 colors
	Input	Touch panel Membrane key (20 keys)
Interface	<ul style="list-style-type: none"> * Scale x 2 * Ethernet (100BASE) x 1 * RS-232C x 2 (DIN8 x 1, DSUB9Px1) * 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

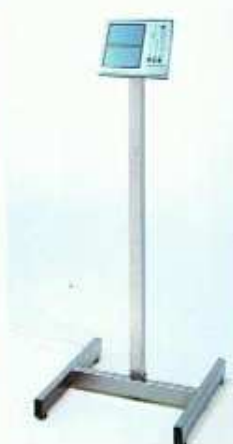
Standard
Desktop stand



Support pole



Support pole with rack



Support pole

 **ISHIDA**



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