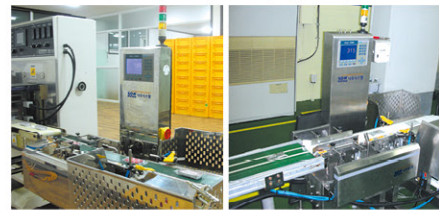


NWC3000 Series AUTO CHECK WEIGHER

Application

General Food
(Instant Food, Cookie/Bread, Kimchi, Vegetable, Tofu and etc.)



Meat
(Frozen/Refrigerated Meat, Other processed Meat and etc.)



Sea Food
(Frozen/Refrigerated Sea Food, Dried Fish and etc.)



Pharmaceutical Industry
(Tablet/Capsule, Granules, Powder and etc.)

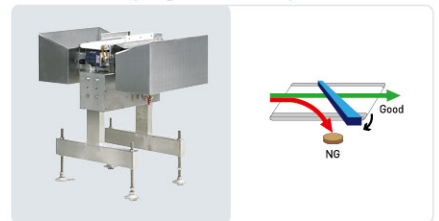


General Industry
(Rubber, Timber, Plastic, Chemical Resin, Raw Material Recycling and etc.)

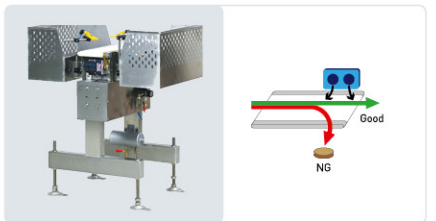


Auto Rejectors Available as option

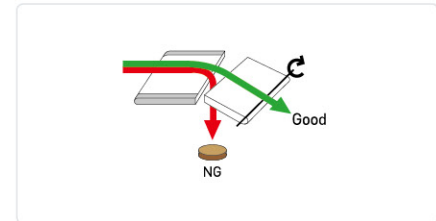
Flip Bar
For small sized (100~250mm) and light weighted (up to 6.0 kg) products
For relatively high-thickness products



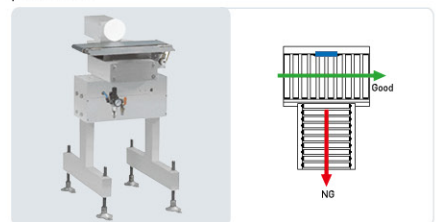
Air Blast
For small and light weighted (Max. 0.6kg) products moving in a high speed



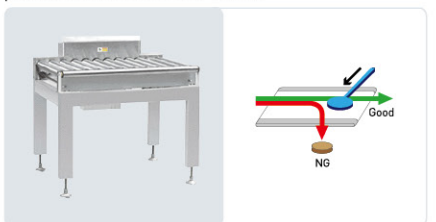
Dumper Chute
For products transferred in bulk



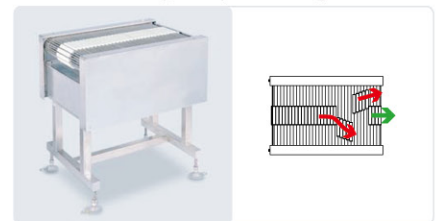
Pusher on Belt
For relatively light weighted (Max 0.6 kg) products



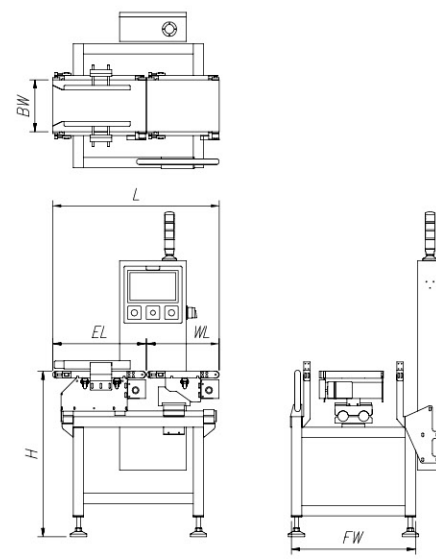
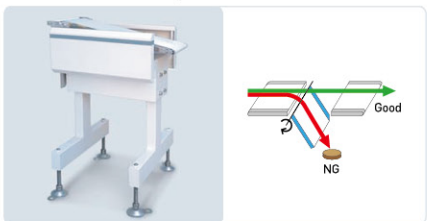
Puhser on Roller
For relatively heavy weighted (Max 30.0 kg) products contained in a box



Slide Carrier
For light weighted (about 0.6 kg) products contained in a try, a cup and a bag.



Drop Belt
For relatively light weighted (Max. 6.0 kg) and low-thickness products in a limited site



NWSYSTEMS No. N180601-NWC3000 Printed in Korea. Designed by www.designline.co.kr

NWC3000 Series AUTO CHECK WEIGHER

ABACUS



NWC3000 Series auto check weigher has been developed to satisfy the strictest production requirements, providing ease of operation, flexibility, hygiene, high-speed processing and optimum accuracy by measuring product weight quickly and precisely - rejecting "out of tolerance".

Full color touch screen (10 inch TFT LCD) is easy to see and offers a simple user-friendly menus together with various convenient functions. The unique modular design allows easy on-site adjustment for installation and remarkable accesibility for maintenance which enables minimal downtime.

- | | |
|--|--|
| Full Color TFT LCD Touch Screen (10 inch TFT LCD) | No More Paper Manual Book |
| Digital Signal Processing (32-Bit Microprocessor) | Selectable Conveyor Belt Type |
| Dynamic Calibration | Easy Production Record Statistic Function |
| Auto/Manual Zero Adjust | Internal Memory and USB Disk Backup / Recovery |
| 3 Kinds of User Level Choices | Display & IOB Board Firmware Update |
| Built-in Temperature Change and Noise Compensation Circuit | External Printer (Optional) |
| Easy Production Record Statistic Function | Metal Detector (Optional) |
| 3 Kinds of User Level Passwords | Communication Interfaces (Optional) |
| 3 Kinds of Operating Screens | Feedback Control (Optional) |
| | Wash Down for Conveyor (Optional) |

NOW SYSTEMS Total Inspection Systems & solution
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NOW SYSTEMS Total Inspection Systems & solution
NOW SYSTEMS CO., LTD.



NOWSYSTEMS
NWC3000 Series AUTO CHECK WEIGHER

NWC3000 Series **ABACUS** AUTO CHECK WEIGHER



Main Features

Full Color TFT LCD Touch Screen(10 inch TFT LCD)

> An intuitive and convenient full color touch screen, containing regional languages and user manual

Digital Signal Processing (32 Byte Microprocessor)

> Greater accuracy at high speeds can be obtained using 32 byte microprocessor which allows filter characteristics to be set automatically.

Dynamic Calibration

> Dynamic calibration displays correct weight if there is discrepancy between the ready status and operational weight displays.

Auto/Manual Zero Adjust

> Zero adjustment can be performed by the operator before start-up or product changeover. Also, Automatic Zero adjustment is programmed to occur at regular intervals during production.

Built-in Temperature Change and Noise Compensation Circuit

3 Kinds of User Level Passwords

> 3 Kinds of User Levels (Operator, Quality Manager & Engineer Menu) can be set depending on possible operational functions.

3 Kinds of Operating Screens

> 3 Kinds of Operating Screens (Basic, Graph & Simple Screens) are provided depending on user taste.

No More Paper Manual Book

> On-the go user manual on the screen guides the operator through necessary set-up and operational procedure on each stage.

Selectable Conveyor Belt Type

> Either plastic chain belt or urethane belt can be selected for application

Easy Production Record Statistic Function

Internal Memory and USB Disk Backup / Recovery

Display & IOB Board Firmware Update

Optional Features

External printer

> An external printer can be installed to the control unit. Preset parameter data and various performance data can be recorded and printed.

Metal Detector

> A high-efficiency metal detector can be easily added to provide an extra measure of safety and quality assurance.

Communication Interfaces

> Communication interfaces with a host computer or other external devices are available to help optimize your production line's performance.

Feedback Control (RS232C / 485 Ports & Dry Contact Signal)

> Corrective control signals from the checkweigher to an upstream auger filler improve production efficiency.

Wash Down for Conveyor

> Water Proof Motors and Stainless Steel Rollers are used for water proof.

Control Unit

> An user-friendly control unit with a 10 inch 16.7 Color TFT LCD Full Touch Screen helps view weighing result and status of the machine comfortably. Intuitive / simple icons guide the operator through necessary set-up and operational procedures.



Outputs

> 8 Ports Outputs (AC or Dry Contact)

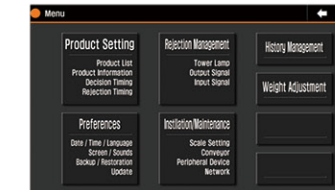
Power Supply

> Single Phase (110 to 220V) &
> Three Phase (220 to 380V and etc.,)
> Free Cycle (50/60Hz)
> Fuse (3A)

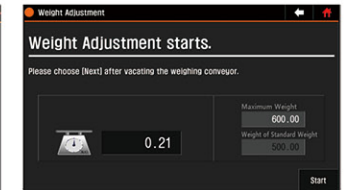
Operating Temperature

> 0°C to 50°C
(advised to use the machine under normal temperature)

> Menu Tree Screen



> Weight Calibration Screen



> Self-Diagnosis Screen



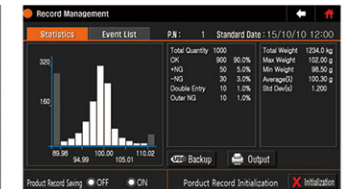
> Weight Judgement Timing Screen



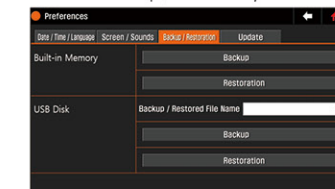
> Firmware Update Screen



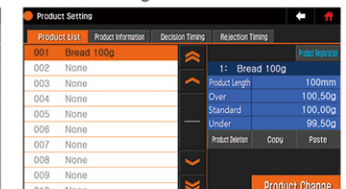
> Statistic Screen



> Data Backup / Recovery Screen



> Product Registration Screen



Specification

Model		NWC3000-100-300	NWC3000-120-300	NWC3000-150-600	NWC3000-180-600	NWC3000-200-1200
Width (mm)	Belt (BV)	100	120	150	180	200
	Weighter (FW)	600	600	500	500	500
Length (mm)	In-Feed Conveyor (EL)	260/320/380	260/320/380	250/300/350/400	250/300/350/400	300/350/400/450
	Weighing Conveyor (WL)	260/320/380	260/320/380	250/300/350/400	250/300/350/400	300/350/400/450
	In-Feed+Weighing Conveyor (L)	524/644/764	524/644/764	505/605/705/805	505/605/705/805	605/705/805/905
Min. Conveyor Height (mm)		750 ±50, 100	750 ±50, 100	750 ±50, 100	750 ±50, 100	750 ±50, 100
Weighing Capacity (gram)		300	300	600	600	1,200
Weighing Range (gram)		3 ~ 300	3 ~ 300	6 ~ 600	6 ~ 600	12 ~ 1,200
Optimum Accuracy (gram)		± 0.15	± 0.15	± 0.3	± 0.3	± 0.4
Scale interval (gram)		0.05	0.05	0.1	0.1	0.2
Max. Weighing Speed / Min.		250 ea	250 ea	350 ea/min.	300 ea/min.	250 ea/min.
Testing Product Size(mm)	Belt Speed / Min.	10 ~ 84 m	10 ~ 84 m	10 ~ 74 m	10 ~ 74 m	10 ~ 74 m
	Width	30 ~ 100	30 ~ 100 mm	30 ~ 150 mm	30 ~ 150 mm	30 ~ 220 mm
	Length	30 ~ 200	30 ~ 200 mm	30 ~ 260 mm	30 ~ 260 mm	30 ~ 320 mm
	Height	10 ~ 100	10 ~ 100 mm	10 ~ 150 mm	10 ~ 150 mm	10 ~ 220 mm
Zero Adjustment		During Operation: Continuous Automatic Dynamic Compensation & During Standby: Manual Compensation				
Display		10 inch 15.7 color TFT LCD Screen (Resolution: 800 x 480)				
Control		Touch Screen, Power Switch, Conveyor Switch & Emergency Switch				
Number of Registerable Products		Max. 100 kinds				
Inputs		8 Ports Inputs				
Protection Cover (Optional)		Material: PC (Polycarbonate)				
External Printer (Optional)		HP-320				
Tower Lamp		Green, Red & Yellow (3 Colors) / Buzzer				
Rejectors Available		FB: Flip Bar AB: Air Blast PB: Pusher on Belt DB: Drop Belt	FB: Flip Bar AB: Air Blast PB: Pusher on Belt DB: Drop Belt	FB: Flip Bar AB: Air Blast PB: Pusher on Belt DB: Drop Belt	FB: Flip Bar AB: Air Blast PB: Pusher on Belt DB: Drop Belt	FB: Flip Bar AB: Air Blast PB: Pusher on Belt DB: Drop Belt

NWC3000-250-1200	NWC3000-300-3000	NWC3000-360-6000	NWC3000-380-20000	NWC3000-480-30000	NWC3000-580-40000	NWC3000-680-60000
250	300	360	380	480	580	680
600	600	600	640	640	600	600
350/400/450/500	400/450/500/550	550/650				
350/400/450/500	400/450/500/550	550/650	700/900/1,100/1,300	900/1,100/1,300	1,100/1,300	1,100/1,300
705/805/905/1005	805/905/1005/1105	1,104/1,304	690/914	914/1100	1100/1300	1100/1300
750 ±50, 100	750 ±50, 100	750 ±50, 100	750 ±50, 100	750 ±50, 100	750 ±50, 100	750 ±50, 100
1,200	3,000	6,000	20,000	30,000	40,000	60,000
12 ~ 1,200	30 ~ 3,000	60 ~ 6,000	200 ~ 20,000	300 ~ 30,000	400 ~ 40,000	600 ~ 60,000
± 0.6	± 1.5	± 3.0	± 10	± 10g	± 20	± 40
0.2	0.5	1.0	5.0	5.0	10	20
200 ea/min.	100 ea	75 ea	60 ea	45 ea	30 ea	20 ea
10 ~ 69 m	10 ~ 58 m	10 ~ 53 m	10 ~ 54 m	10 ~ 52 m	10 ~ 49 m	10 ~ 33 m
30 ~ 250 mm	30 ~ 300 mm	30 ~ 360 mm	30 ~ 380 mm	30 ~ 480 mm	30 ~ 580	30 ~ 680
30 ~ 380 mm	30 ~ 450 mm	30 ~ 550 mm	30 ~ 700 mm	30 ~ 900 mm	30 ~ 1100	30 ~ 1100
10 ~ 250 mm	10 ~ 300 mm	10 ~ 360 mm	10 ~ 380 mm	10 ~ 480 mm	10 ~ 580	10 ~ 680
During Operation: Continuous Automatic Dynamic Compensation & During Standby: Manual Compensation						
10 inch 15.7 color TFT LCD Screen (Resolution: 800 x 480)						
Touch Screen, Power Switch, Conveyor Switch & Emergency Switch						
Max. 100 kinds						
8 Ports Inputs						
Material: PC (Polycarbonate)						
HP-320						
Green, Red & Yellow (3 Colors) / Buzzer						
FB: Flip Bar AB: Air Blast PB: Pusher on Belt DB: Drop Belt	FB: Flip Bar AB: Air Blast PB: Pusher on Belt DB: Drop Belt	FB: Flip Bar AB: Air Blast PB: Pusher on Belt DB: Drop Belt	PB: Pusher on Belt PR: Pusher on Roller	PB: Pusher on Belt PR: Pusher on Roller	PR: Pusher on Roller	PR: Pusher on Roller