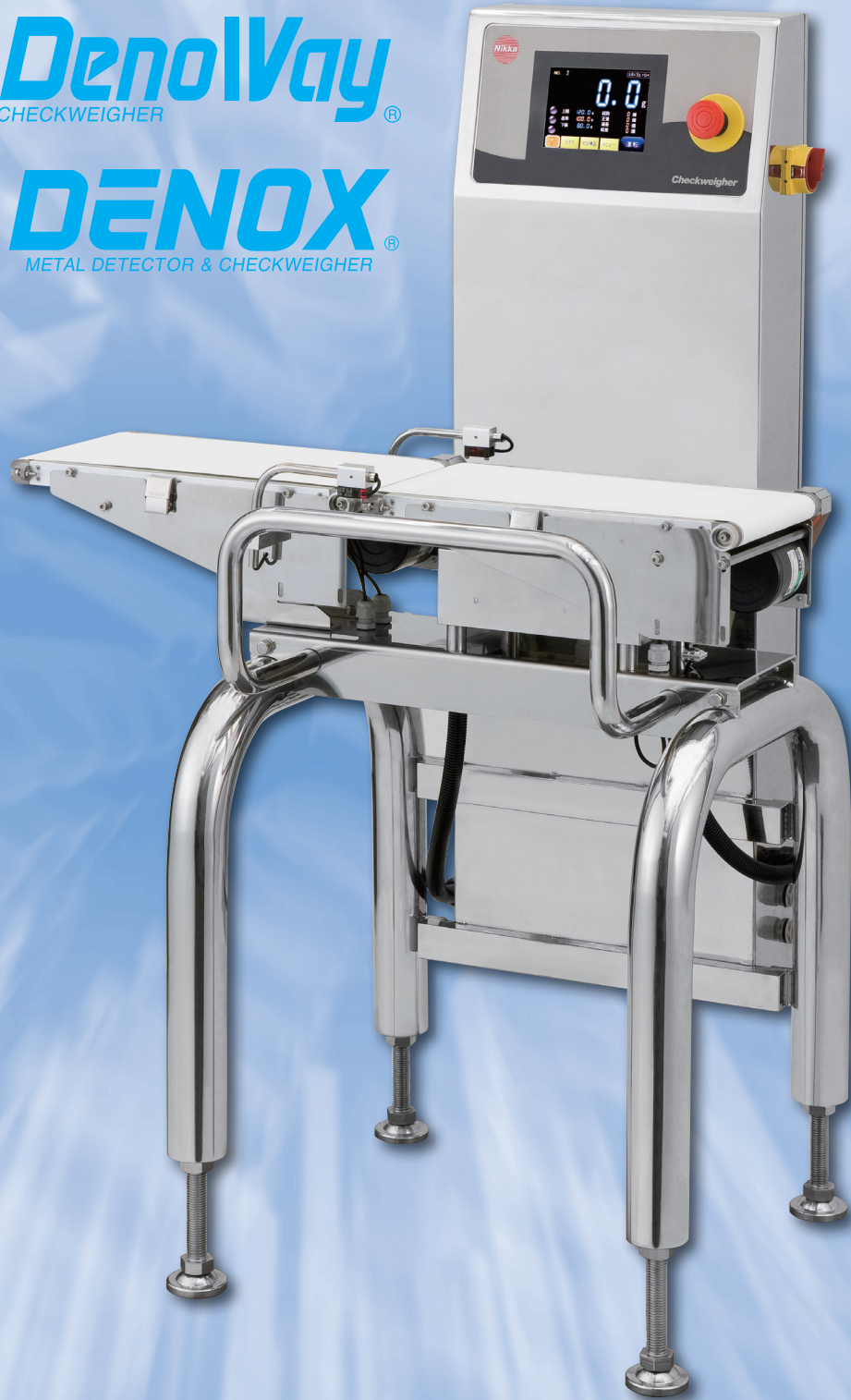




# CHECKWEIGHER

**DenolWay**  
CHECKWEIGHER

**DENOX**  
METAL DETECTOR & CHECKWEIGHER



CHECKWEIGHER

**NIKKA DENSOK LIMITED**

Nikka Densok Checkweigher Model NW series has been improved for higher accuracy, easier cleaning capabilities for better sanitation conditions and the addition of machine functions allows for a more operator friendly design.

## Higher Accuracy With Better Tolerance To Vibration

Original digital signal processor and advanced noise reduction increase measurement accuracy.  
 Ex.) +/- 0.2g to 0.3g in 2000g capacity of scale <sup>(\*)1</sup>

## More Sanitary Design

The newly developed Round Piping Frame design integrates the control box and meets all waterproof requirements. <sup>(\*)2</sup>



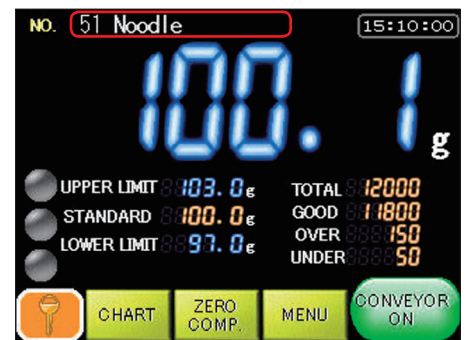
## Inspected data can be extracted by an external memory device, or printed by additional printer. (option)



\*1. The actual accuracy must be determined by product size, weight and processing capacity.  
 \*2. The frame design for non-waterproof model is different.

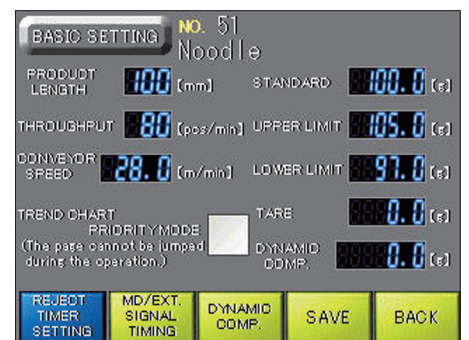
## High Visibility

**New Touch Screen with higher resolution increases visibility.**



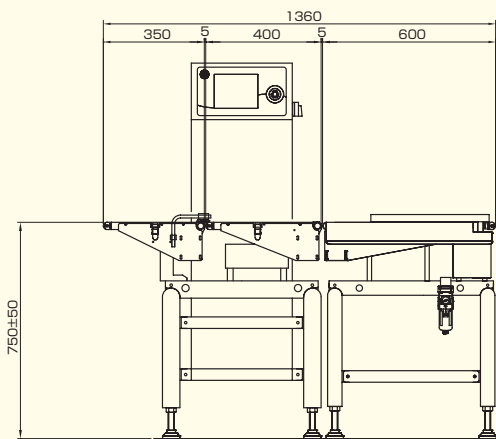
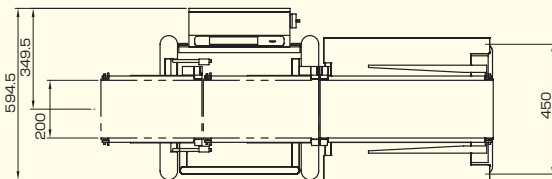
## Easy Operation

**After input of product information, all parameters are set automatically.**



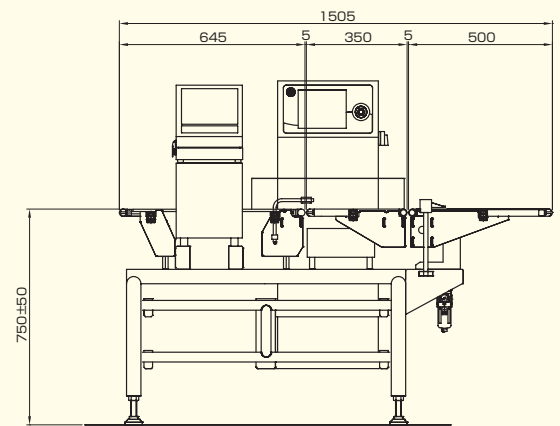
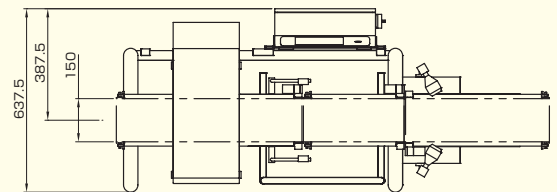
Possible to combine with a rejecter

## NW1-C2040W+AF200



Integrated model with Metal detector

## ND1-B1535TLW+AJ150



Model		NW1-C2040+AF200	ND1-B1535TLW+AJ150
Weighing range		5~1000g	5~200g
Grading accuracy		+/- 0.2g	+/- 0.2g
Max. capacity		130 pcs/min.	300 pcs/min.
Full scale		1000.0g	200.0g
Min. scale		0.1g	0.1g
Product size		W=20~190mm L=30~300mm H5~150mm	W=20~140mm L=30~250mm H5~100mm
Metal Detector		—	Effective Width 150mm x passing height 90mm
Sensitivity of metal detector	Fe	—	φ 0.4
	SUS	—	φ 0.8
Belt speed		Adjustable (*1)	Adjustable (*1)
Power source		AC 100V +/-10% 50/60Hz 300VA	AC 200V +/-10% 50/60Hz 300VA
Height of pass line		750 +/-50mm	750 +/-50mm
Weight		120kg (including rejecter)	160kg (including rejecter)

\*Grading accuracy, handling capacity and sensitivity may depend upon conditions of measured products, use environment, etc. Product size and capacity depend upon the grading unit you use.

\*1. Adjustable range may depend upon the specification.

**We produce various lineup (full scale: 100g to 40kg) for general purpose and special model which are designed specifically for user's requirement (Engineering-To-Order)**



Non-waterproof models for dry environment are also available.

## ● Type of full scale

A	B	C	D	E	F	G	H
100g	200g	1000g	2000g	5000g	10kg	20kg	40kg

## ● For small size product

Type		Weighing conveyor	Total length		product size
DenoWay	DenoX		NW	ND	
NW1-○1530 *	ND1-○1530□□ *	150x300	605	1000	W=20~140mm L=30~200mm H5~100mm
NW1-○1535 *	ND1-○1535□□ *	150x350	655	1000	W=20~140mm L=30~250mm H5~100mm
NW1-○2035 *	ND1-○2035□□ *	200x350	705	1000	W=20~190mm L=30~250mm H5~150mm
NW1-○2040 *	ND1-○2040□□ *	200x400	755	1000	W=20~190mm L=30~300mm H5~150mm
NW1-○2045 *	ND1-○2045□□ *	200x450	805	1100	W=20~190mm L=30~350mm H5~150mm
NW1-○2545 *	ND1-○2545□□ *	250x450	855	1100	W=20~240mm L=30~350mm H5~180mm
NW1-○3045 *	ND1-○3045□□ *	300x450	905	1100	W=20~290mm L=30~350mm H5~180mm

## ● For medium and large size product

Type of DenoWay	Weighing conveyor	Total length	Product size
NW1-○3055	300x550	550	W=200~250mm L=200~400mm H10~180mm
NW1-○3070	300x700	700	W=200~250mm L=200~550mm H10~180mm
NW1-○4055	400x550	550	W=200~350mm L=200~400mm H10~180mm
NW1-○4070	400x700	700	W=200~350mm L=200~550mm H10~180mm
NW1-○5010	500x1000	1000	W=300~450mm L=600~800mm H10~180mm
NW1-○6011	600x1100	1100	W=300~550mm L=600~800mm H10~180mm

## Description of Type

The type of full scale to ○ , metal detector to □ are applied. In case of waterproof model, W is applied to \*.

Ex. In case of 1000g full scale with Metal detector (control type: MELZ, detection type: T) and waterproof model,

### ND1-C2040TLW

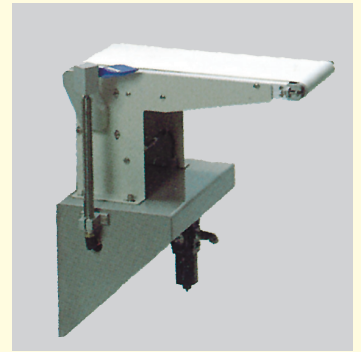
# Rejecter

Selectable lineup for best suited to various kinds of product and environment.

## ■ Air Jet system

Type	Size	Belt width	Capacity	Product weight	Grading level	Weight
AJ150	310Wx400L	150W	100~300pcs/min.	2~300g	3	11kg
AJ200	310Wx500L	200w	100~300pcs/min.	2~300g	3	13kg

\* Air supply: 0.2~0.6Mpa



## ■ Air Flapper system

Type	Size	Belt width	Capacity	Product weight	Grading level	Weight
AF150	540Wx500L	150W	100~150pcs/min.	5~1000g	3	37kg
AF200	540Wx600L	200W	100~130pcs/min.	5~2000g	3	42kg
AF250	540Wx700L	250W	100~110pcs/min.	5~2000g	3	48kg
AF300	540Wx770L	300W	80~100pcs/min.	5~2000g	3	60kg

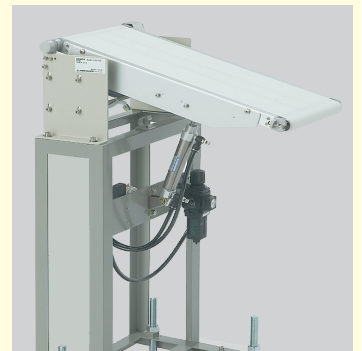
\* Air supply: 0.2~0.6Mpa



## ■ Damper system

Type	Size	Belt width	Capacity	Product weight	Grading level	Stroke	Weight
BD150	360Wx400L	150W	50~80pcs/min	5~2000g	2	100mm	15kg
BD200	360Wx500L	200W	50~80pcs/min	5~2000g	2	130mm	20kg
BD250	470Wx500L	250W	50~80pcs/min	5~2000g	2	145mm	40kg
BD300	500Wx550L	300W	50~80pcs/min	5g~10kg	2	130mm	50kg

\* Air supply: 0.2~0.6Mpa



## ■ Slide Plate system

Type	Size	Belt width	Capacity	Product weight	Grading level	Weight
SP200	850Wx1090L	200W	340pcs/min.	5~300g	3	110kg



## ■ Air Pusher system (for medium and large size)

Type	Belt width	Conveyor length	Product weight	Grading level
AP300	300W	670L	1~5kg	2
AP400	400W	820L	1~10kg	2
AP500	500W	1045L	1~20kg	2

\* Air supply: 0.2~0.6Mpa

## Main Products of Nikka Densok

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- Metal Detector
- X-ray Inspection System
- Magnetic Iron Removal Equipment
- Checkweigher
- Pinhole Inspector
- Security Equipment
- Other various measuring machine, automatic rejecter

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<http://www.nikka-densok.co.jp>

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