



MODELS:

Metal Detector and Checkweigher combination (*NCB490 Series pictured*)

Conveyor • Fall Through • Pharmaceutical • Pipeline

DIGITAL METAL DETECTOR:

TUNNEL SIZE (W)

200 - 700 mm (7.88" - 27.56")

Passing Aperture Size (W)

100 - 680 mm (3.94" - 26.77")

Material

Stainless Steel 304

Display

7" Full Color TFT LCD

Product Dimensions:

30 - 680 mm (1.18" - 26.77") W

30 - 1,100 mm (1.18" - 43.34") L

10 - 680 mm (0.39" - 26.77") H

AUTOMATIC CHECKWEIGHER:

MIN. SETTING INTERVAL

0.05 to 20 gram

ACCURACY

± 0.15 to 40 gram

WEIGHING RANGE

from 39 to 60,000 gram
(0.1 oz. to 132 lb.)

OPERATION OF MACHINE

Keypad

DISPLAY CONTENTS

Screens for Basic, Level, Chart and Histogram

WEIGHING SENSOR

Strain Gauge Based on
Dynamic Load Cell

MOVING SPEED

10 ~ 58 m/min.

DISPLAY

10" Full Color TFT LCD

FEATURES

- One machine detects various products
- Digital signal processing
- Full color touch screen
- Electronic manuals
- Product registration and password
- Tracing product phase function
- Automatic product set up function
- Smart self-diagnosis function
- Multi statistical data management function
- Protection waterproof/vibration
- Data access via USB and CAT 5 ports
- Smart phone remote monitoring

APPLICATIONS

- Food
- Beverages
- Chemical
- Pharmaceutical



Contract Packing, Liquor Distribution & StandUp Pouch Machinery
(Logo for the family of companies in the Group)



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NAD-4000 Series Metal Detector
**For Metal Detection of products packaged in
Conductive or Aluminum Packseal Products**

Model Name		NAD4000-2505 ~ 2515
Machine Width (MW)		630 mm
Conveyor Size	Length (CL)	Min. 1,400 ~ Max. 1,800 (Every 100 mm) (Min. 1,300 is possible for rejecter type)
	Height (CH)	Min. 650mm (± 50 & 100 mm)
	Width (CW)	390 mm
Belt Width	Plastic Belt (BW)	240 mm
	Urethane Belt (BW)	250 mm
Belt Speed	Plastic Belt	20 ~ 42 m/min.
	Urethane Belt	20 ~ 37 m/min.
Product Passing Height (PH) *Configurable by every 10 mm / from the belt surface		Standard (90 mm) Min. 50 ~ Max. 150 mm
Product Passing Width	Plastic Belt (PW)	240 mm
	Urethane Belt (PW)	250 mm
Testing Product Size	Width (W)	Less than 240 mm
	Height (H)	Less than 150 mm
Display		10 inch 15.7 color TFT LCD Screen (Resolution: 800 x 480)
Control		Touch Screen, Power Switch, Conveyor Switch & Emergency Switch
Preset		Max. 10 items (Expandable upon request)
IP Level (Conveyor)		IP-55
Power Supply		Single Phase AC 220 (110) V 50/60 Hz
Relay Ports		AC SSR Relay (8A) SPST NO (Form A): 4 ports
		DC PhotoMOS (1A) SPST NO (Form A): 4 ports
Inputs		8 ports
Outputs		AC Output: 4 ports / 24 V Output: 4 ports
Operating Temperature		0 °C to 50 °C
Material of Protection Cover		PC (Polycarbonate)
Tower Lamp		Green & Red (2 Colors) / Buzzer
External Printer (Optional)		HP-320
Rejecters (Optional)	AB	Air Blast
	FB	Flip Bar (Separable Type)
Allowable in-feed load		Around 1.0 kg / Piece
Unit Weight		Approx. 80.0 kg (Standard Conveyor Length: 1,<100mm)
Estimated Sensitivity (Ferrous & Stainless Steel 304) *based on regular hexahedron test pieces provided by NowSystems		1.0mm under passing height (50mm)
		1.5mm under passing height (100mm)
		2.0mm under passing height (150mm)