

A meter of high precision, stability and corresponds to ultra-fine powders which supports all kinds of powder.

N-Pack Scale

Weighing and Filling Machine into Bag and Container



NISHIMURA MACHINE WORKS CO.,LTD.
Osaka and Tokyo, Japan

Space-saving, rapid due to 2-axis integ



NWC80

2-axis
integrated
screw
type

It is a device with a feature of high-precision
It is a system which provides more accurate



1



[Measuring method]

It is filled to fixed amount (appropriate v
small screws. After a fixed amount is
precision by small diameter screw only.

1. Rapid and stable supply can be achieved.

Two specially-made screws with large and small diameters are set in coaxial and the supply time is shortened.

The flow of materials is smooth. (Spring coil is also available)

The blade pitch can be changed according to different raw materials.

2. It is equipped with auto-zero function.

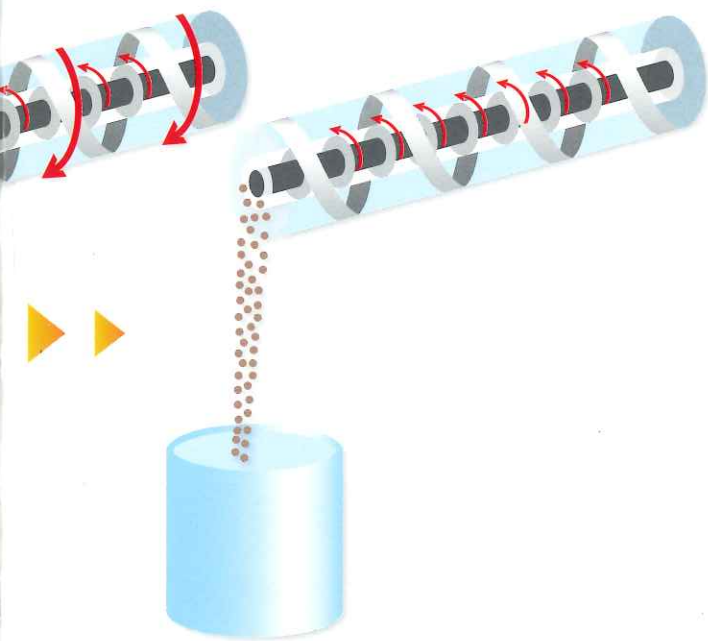
Net weight which omits the tare weight can be measured from "zero" by the control of the computer. There will be no accumulative error. It also supports the options of printer.

3. Negative weight will not be displayed.

The reliable calculation without negative weight due to the feedback control by the microcomputer ticks.

id filling, filling with high pre grated screw type and microc

on measurement using a load cell and using a special screw feeder from our compa
te measurement of powder by the control of microcomputer.



4. Bridge of the powder can be prevented.
Bridge can be prevented by the wings built inside the hopper. The effect of bulk density which hinders quantitative nature can be prevented.

5. Stress-free chucking which fits the bag size.

Improvements in job efficiency by foot switch. Collected bag is also available. Measurement by platform scale is also possible.

6. Dismantle without tools and safe.
Buffed SUS304 #300 finish in the weld. Stainless steel. In order to reduce the burden of daily maintenance, easy dismantling without tools for cleaning is allowed.

value) before the set values in a short time by big and
reached, the remaining amount is filled with high

4



5



6



Style	NWC18M-0.12	NWC40-0.6	NWC50-1.5	NWC80-6	NWC100-60
Weigh	100g	600g	1,500g	6,000g	60kg
Measuring range	1~100g	10~500g	20~1,000g	50~2,600g	5~40kg
Minimum scale value	0.01g	0.1g	0.1g	0.2g	5g
Measuring precision *	0.05~1g	0.1~2g	0.6~3g	2~10g	5~20g
Productive capacity *	5~25s/time	4~15s/time	5~15s/time	5~15s/time	20~30s/time
Operating temperature	0~40°C	0~40°C	0~40°C	0~40°C	0~40°C
Power	AC100V	AC100V	AC100V	AC100V	AC200V
External dimensions	500×450×500mm	700×950×1,600mm	700×1050×1,600mm	850×1050×1,600mm	850×1600×2,500mm

* Precision and productive capacity (Measuring time) are related and are set from the program.

precision are resulted computer control.

ny.

Unit of several grams can be measured precisely.
(Minimum display is 0.01g)

revented.

opper and pulsation
prevented.

by container is
ossible.

sanitary.

is also available
dismantling

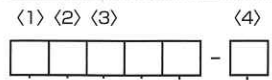
Single-axis
screw type
with small
diameter



NWC18M



NWC18M when dismantled



NWC 80 H S - 6

- <4> Load cell weighing capacity(kg)
- <3> S means the material is all stainless steel.
- H means the initial of the "High speed".
- M is means the initial of the "Mini Taxis-spring or trough". (for super small amount)
- <2> Diameter of big screw (or trough), in case of screw (or vibration) type.
- <1> NWC means "Screw feeder type", NWT means "Vibrating filling type"

There is a specification such as the bag chucking device, all stainless steel and the printer device besides the above-mentioned.

Model chart

Suitable Materials:

It is perfect for fine powder such as medical supplies, pigments, toner, ink, metal powder, flour, rice flour, sesame, green tea and etc.



Higher precision is resulted by cutting down into the fixed amount by trough.

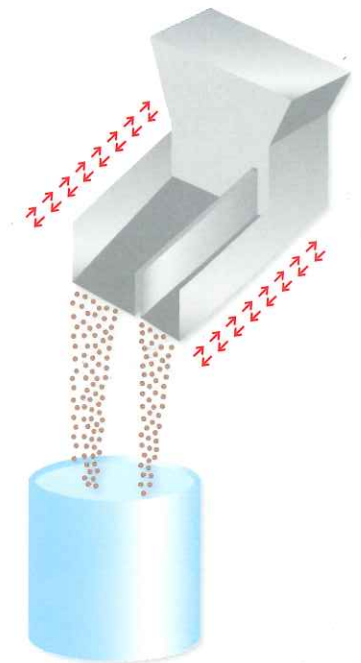
Vibrating filling type

It is a meter which is most suitable for measuring grains.



【Measuring method】

It is filled to fixed amount (appropriate value) before the set values in a short time by big and small vibration trough. After a fixed amount is reached, the remaining amount is filled with high precision by small vibrating trough only.



NWT102

Style	NWT101M-0.1	NWT101-1.5	NWT102-1.5
Weigh	100g	1,500g	1,500g
Measuring range	1~100g	500~1500g	100~1500g
Minimum scale value	0.01g	0.5g	0.5g
Measuring precision *	0.05~1g	0.5~3g	0.5~3g
Productive capacity *	5~15s/time	5~15s/time	5~15s/time
Operating temperature	0~40°C	0~40°C	0~40°C
Power	AC100V	AC100V	AC100V
External dimensions	580×380×580mm	700×900×670mm	700×900×670mm

* Precision and productive capacity (Measuring time) are related and are set from the program.



NWT101M

Suitable Materials:

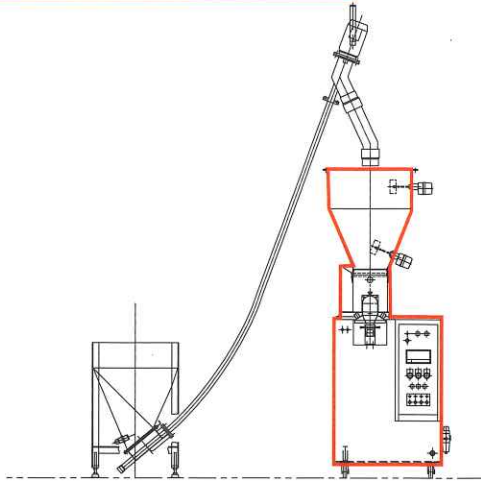
It is perfect for powder, granular things and solids such as coffee, spice, bean confectionery, rice crackers, tea and etc. seafood, agricultural products, ceramics, silica, feed, fertilizer, pellets, nuts, electronic components, granules, drug compounding and tablets.



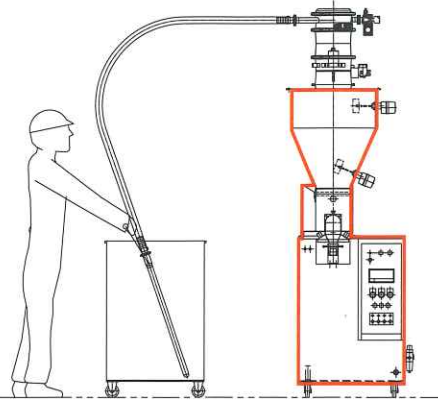
Application Examples

Application

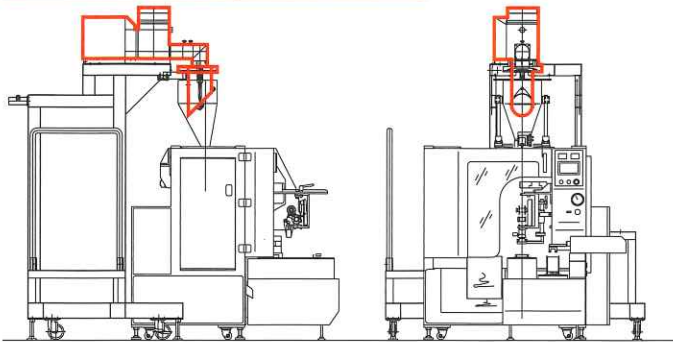
Input from spring conveyer



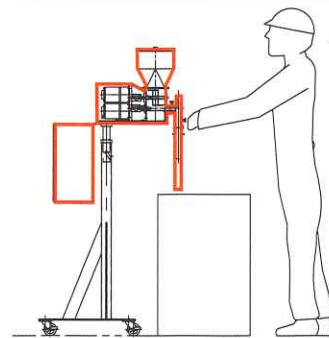
Input from vacuum conveyer



Operation with the automatic packaging machine



Fixed quantity supplying machines



We offer actual machine test in the laboratory in our Osaka Head Office. We will help you to select the equipment and other options. We will recommend the most suitable machine by considering the filling time, supplying method, screw shape, bag clamping device and dust collector.

Powder Equipment and Total Engineering



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