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PaxGo Series Intelligent Packing Filler



Making the World Measurable Linking Your Smart Life



PaxGo Series Intellingent Packing Filler



High Efficiency

PaxGo is an automatic weigh filler its self-optimizing controls can be precisely configured to your specific material flow, speed and accuracy requirements.

Features:

- Maize, Soybeans, Seeds, Sugar and other granular material;
- Equipped with self optimizing intelligent program for high speed operation;
- Best accuracy ±2g;
- Models available in 25g~1kg, 0.25-5kg, 0.5-10kg, 5-25kg, 10-50kg;
- Speeds up to 3600pcs/h(depends on different model and weight).



GENERAL MEASURE TECHNOLOGY CO., LTD

01/02



• Specially designed for granular products like Rice, Pulses, Plastic Granules, Animal Feed,



Industrial Design

Special design for industrial application, high speed and accuracy.

User-friendly Design

- The food contacting materials are all made of S304 stainless steel and can be used for food packaging;
- International premium brand components ensure the product quality.





Communication interface

- Dual serial port RS485;
- Modbus TCP/IP;





Module Design

Easy installation and dismounting for washing down.

Servo Motor

For feeding control, intelligent auto-adjustment fast and accurate. USB Embedded USB for exporting data and system upgrading.









10-inch color user friendly touch screen and graphical design interface. Simple operation, no need complicated training.

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Parameter interface
optimization and
upgrade

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Observing data changes
when setting parameters,
which is simultaneous
and intuitive.

Well-organized data management

Ten million weight data entries record, power-off data save function.



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	DDLE SLO		DISC	Material (D: 0)	Salton
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Calibration according to different materials with step hints to make the field calibration more convenient.

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Motor parameters: an interface can simultaneously display the motor status and parameters which is easy to debug.

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GRANULE PACKING FILLER AF-1K





Accuracy range

1800

Top speed



Pcs/h



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Pneumatic High Speed



Cylinder Control Weighing



Model	PaxGO AF-1K
Weighing range	0.05~1Kg
Division	1g
Accuracy range*	±1~3g
Top speed*	1800 pcs/h
Volume	2.8L
Feeding method	Step motor + vibra
Material	Carbon steel/stalr
Communication	RS485, Modbus T
Pneumatic	0.4~0.6MPa 2m³/h
Power	AC 220V ±10%,50
Working environment	0~40°C, 90%R.H

Structure & Dimension

Specification





Features:

• High speed and accuracy:

the highest speed can reach 1800pcs/h and the accuracy range is ±1~3g;

• Granular materials:

special designed for small weighing range packages, like rice, millet, beans and so on;

• Stable performance:

step motor + vibrator feeding-type, pneumatic discharging-type;

• Parameter setting:

self-adjust function with target value set only, easy operation.





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0/60HZ,200KW

0~40°C, 90%R.H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.



DUPLEX PACKING FILLER AF-1KII





~3g

Pcs/h

Accuracy range

3600

Top speed

±



Stable Performance Installation



Pneumatic High Speed Cylinder Control Weighing

Specification Model PaxGOAF-1KII Weighing range 0.05~1Kg Division 1g ±1~3g Accuracy range* Top speed* 3600 pcs/h 2.8L x 2 Volume Feeding method Material RS485, Modbus TCP/IP Communication 0.4~0.6MPa 2m³/h Pneumatic

Power Working environment

Structure & Dimension









Features:

• High speed and accuracy:

the highest speed can reach 3600pcs/h and the accuracy range is ±1~3g;

• Granular materials:

special designed for small weighing range packages, like rice, millet, beans and so on:

• Stable performance:

step motor + vibrator feeding-type, pneumatic discharging-type;

• Parameter setting:

self-adjust function with target value set only, easy operation.







0~40°C, 90%R.H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.







GRANULE PACKING FILLER AF-5K





1500 Pcs/h Top speed

ு 昭 Easy Stable Performance Installation

Servo Motor

Π

Control

Weighing Accurate

Structure & Dimension

Working environment





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Features:

- Granular material: design for rice, millet, beans and other granular material;
- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;
- Fast and accurate: weighing range is 0.25-5kg, Speed can reach 1500 pcs/h, and accuracy range ± 1~5g.





Weighing range	0.25~5Kg
Division	1g
Accuracy range*	±1~5g
Top speed*	1500 pcs/h
Volume	12L
Feeding method	Servo motor+
Material	SS304,carbor
I/O	8 output(5V),8
Communication	RS485, Modb
Pneumatic	0.4~0.6MPa

Specification

Model

Power

Feeding vibrator, pneumatic discharging

on steel

PaxGO AF-5K

,8 input(24V)

bus TCP/IP

Single Phase AC-220V ±10%,50/60HZ,500KW

0~40°C, 90%R.H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.



DUPLEX PACKING FILLER AF-5KII







2800 Pcs/h

Top speed



Control



Servo Motor

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Specification	
Model	PaxGO AF-5KI
Weighing range	0.25~5Kg
Division	1g
Accuracy range*	±1~5g
Top speed*	2800 pcs/h
Volume	12L x 2
Feeding method	Servo motor+fee
Material	SS304,carbon st
I/O	8 output(5V),8 in
Communication	RS485, Modbus
Pneumatic	0.4~0.6MPa

Structure & Dimension

Power

Working environment



Features:

- Granular material: design for rice, millet, beans and other granular material;
- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;

• Fast and accurate: weighing range is 0.25-5kg, Speed can reach 2800 pcs/h, and accuracy range ± 1~5g.





196 320

eding vibrator, pneumatic discharging

steel

nput(24V)

TCP/IP

Single Phase AC-220V ±10%,50/60HZ,500KW

0~40°C, 90%R.H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.



GRANULE PACKING FILLER AF-10K





Accuracy range

1300

Top speed

Pcs/h



Performance Installation

±2~10g

Control



Servo Motor



Specification	
Model	PaxGO AF-10K
Weighing range	0.5~10Kg
Division	1g
Accuracy range*	±2~10g
Top speed*	1300pcs/h
Volume	18L
Feeding method	Servo motor+ fee
Material	SS304,carbon ste
I/O	8 output(5V),8 inp
Communication	RS485,Modbus T
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-
Working environment	0~40°C, 90%R.⊦

Structure & Dimension





Features:

- Granular material: design for rice, millet, beans and other granular material;
- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;

• Fast and accurate: weighing range is 0.5-10kg, Speed can reach 1300 pcs/h, and accuracy range ± 2~10g.



User-friendly interface design, vivid display, easy to operate.









eding vibrator, pneumatic discharging

teel

put(24V)

CP/IP

-220V ±10%,50/60HZ,500KW

H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.



DUPLEX PACKING FILLER AF-10KI





±2~10g Accuracy range

2400 Pcs/h Top speed





Servo Motor Control

Weighing Accurate

Model	PaxGO AF-10K I
Weighing range	0.5~10Kg
Division	1g
Accuracy range*	±2~10g
Top speed*	2400 pcs/h
Volume	18L x 2
Feeding method	Servo motor + fee
Material	SS304,carbon ste
I/O	8 output(5V),8 inp
Communication	RS485, Modbus T
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-
Working environment	0~40°C, 90%R.H

Specification

Structure & Dimension





Features:

- Granular material: design for rice, millet, beans and other granular material;
- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;

• Fast and accurate: weighing range is 0.5-10kg, Speed can reach 2400 pcs/h, and accuracy range ± 2~10g.



User-friendly interface design, vivid display, easy to operate.



eding vibrator, pneumatic discharging

teel

put(24V)

TCP/IP

-220V ±10%,50/60HZ,500KW

0~40°C, 90%R.H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.

GRANULE PACKING FILLER AF-25K



5-25 kg Weighing range

±5~15g

1200 Pcs/h

Top speed

Accuracy range



Easy Stable Performance Installation



Servo Motor Control





r	Weighing	

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Specification	
Model	PaxGO AF-25K
Weighing range	5~25Kg
Division	1g
Accuracy range*	±5~15g
Top speed*	1200pcs/h
Volume	55L
Feeding method	Feeding control by
Material	SS304,carbon ste
I/O	8 output(5V),8 inp
Communication	RS485,Modbus T
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-2
Working environment	0~40°C, 90%R.H

Structure & Dimension





A (Bottom frame dimension)



Features:

• Granular material: design for plastic particle, granular fertilizer, feeds and other granular material;

- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;

• Fast and accurate: weighing range is 5-25kg, Speed can reach 1200 pcs/h, and accuracy range ± 5~15g.





• SS304 stainless steel.





Bag Clamp

by servo, pneumatic discharging

eel

put(24V)

CP/IP

-220V ±10%,50/60HZ,1KW

H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.





PACKING FILLER (3 load cells structure) AF-25K



5-25 kg Weighing range

±5~15a

Accuracy range

1250 Pcs/h

Top speed



Stable Easy Performance Installation



Servo Motor Control



Accurate

Top speed*	
Volume	
Feeding method	
Material	
Ι/Ο	
Communication	
Pneumatic	
Power	

Working environment

Specification

Weighing range

Accuracy range*

Model

Division

Structure & Dimension





Features:

• Granular material: design for plastic particle, granular fertilizer, feeds and other granular material;

- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;

• Fast and accurate: weighing range is 5-25kg, Speed can reach 1250 pcs/h, and accuracy range ± 5~15g.





vibrator feeding

Optional: Bag Clamp



PaxGO AF-25K (3 load cells structure)

Feeding control by servo, pneumatic discharging

SS304, carbon steel

5~25Kg

±5~15g

1250pcs/h

0.4~0.6MPa

1g

55L

8 output(5V),8 input(24V)

RS485, Modbus TCP/IP

Single Phase AC-220V ±10%,50/60HZ,1KW

0~40°C, 90%R.H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.



DUPLEX PACKING FILLER AF-25KII





±5~15g

2200 Pcs/h

Top speed

Accuracy range



Stable Performance



Control



Servo Motor

Weighi Accura



Easy Installation

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ing ate			

Specification	
Model	PaxGO AF-25K I
Weighing range	5~25Kg
Division	1g
Accuracy range*	±5~15g
Top speed*	2200pcs/h
Volume	55L x 2
Feeding method	Feeding control by
Material	SS304,carbon stee
I/O	8 output(5V),8 inp
Communication	RS485,Modbus TC
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-2
Working environment	0~40°C, 90%R.H

Structure & Dimension













Features:

• Granular material: design for plastic particle, granular fertilizer, feeds and other granular material;

- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;

• Fast and accurate: weighing range is 5-25kg, Speed can reach 2200 pcs/h, and accuracy range ± 5~15g.



Optional:



SS304 stainless steel.



Bag Clamp

y servo, pneumatic discharging

eel

out(24V)

CP/IP

220V ±10%,50/60HZ,1KW

condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.





Duplex Packing Filler (3 load cells structure) AF-25KI





±5~15a

2400 Pcs/h

Top speed

Accuracy range



Stable Easy Performance Installation

Servo Motor Control



Weighing



Weighing range 5~25Kg Division 1g Accuracy range* ±5~15g Top speed* 2400pcs/h Volume 55L x 2 Feeding method Material SS304, carbon steel I/O Communication Pneumatic 0.4~0.6MPa

Specification

Model

Power

Structure & Dimension

Working environment





Features:

• Granular material: design for plastic particle, granular fertilizer, feeds and other granular material;

- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;

• Fast and accurate: weighing range is 5-25kg, Speed can reach 2400 pcs/h, and accuracy range ± 5~15g.





Optional:

Bag Clamp

SS304 stainless steel,



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PaxGOAF-25KII (3 load cells structure)

Feeding control by servo, pneumatic discharging

8 output(5V),8 input(24V)

RS485, Modbus TCP/IP

Single Phase AC-220V ±10%,50/60HZ,1KW

0~40°C, 90%R.H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.

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GRANULE PACKING FILLER

(Jumbo Bag Packing Function Available)

AF-50K



5-50 kg Weighing range



Easy Stable Installation Performance

±1	0~25 _g	
Асси	racy range	

1000 Pcs/h

Top speed



Servo Motor Weighing Control Accurate

Optional: vibrator feeding

Features:

• Granular material: design for free-flow granular materials such as plastic particles, rice, sugar and so on;

- Module design: easy dismounting for cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;
- Fast and accurate: 1000 pcs/h, and accuracy range ± 10~25g;
- Jumbo bag packing performance: accuracy: ±500g, speed: 1t/min;

• Jumbo bag packing function: multi-pack continuous discharging available, fast feeding for speed and slow feeding of the last pack for accuracy;

• History record: every pack's entry and jumbo bag packing data recorded.











Specification		
Model	PaxGO AF-50K	AF-50K Jumbo Bag Packing
Weighing range	5~50Kg	500kg~50t
Division	1g	1g
Accuracy range*	±10~25g	±500g
Top speed*	1000pcs/h	1t/min
Volume	86L	
Feeding method	Feeding control by servo, pneumat	tic discharging
Material	SS304,carbon steel	
I/O	8 output(5V),8 input(24V)	
Communication	RS485,Modbus TCP/IP	
Pneumatic	0.4~0.6MPa	
Power	Single Phase AC-220V ±10%,50/60	0HZ,1KW
Working environment	0~40°C, 90%R.H condensation is	not allowed

Structure & Dimension





A (Bottom frame dimension)

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.





PACKING FILLER (3 load cells structure) AF-50K





±10~25g

1150 Pcs/h

Top speed

Accuracy range



Stable Easy Installation Performance

Comis Maton	14

Weighing Servo Motor Control Accurate

Optional: vibrator feeding

Features:

• Granular material: design for free-flow granular materials such as plastic particles, rice, sugar and so on;

- Module design: easy dismounting for cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;
- Fast and accurate: 1150 pcs/h, and accuracy range ± 10~25g;
- Jumbo bag packing performance: accuracy: ±500g, speed: 1t/min;

• Jumbo bag packing function: multi-pack continuous discharging available, fast feeding for speed and slow feeding of the last pack for accuracy;

• History record: every pack's entry and jumbo bag packing data recorded.







Specification

Specification				
Model	PaxGO AF-50KAF-50K Jumbo Bag Pack (3 load cells structure)			
Weighing range	10~50Kg 500kg~50t			
Division	1g	1g		
Accuracy range*	±10~25g	±500g		
Top speed*	1150pcs/h	1t/min		
Volume	86L			
Feeding method	Feeding control by servo, pneumatic discharging			
Material	SS304,carbon steel			
I/O	8 output(5V),8 input(24V)			
Communication	RS485,Modbus TCP/IP			
Pneumatic	0.4~0.6MPa			
Power	Single Phase AC-220V ±10%,50/60HZ,1KW			
Working environment	0~40°C,90%R.H condensation is not allowed			

Structure & Dimension





*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.



PNEUMATIC VERSION AF-50K





±10~25g

Accuracy range



Stable Installation Performance

Pneumatic Cylinder Control Weighing

950 Pcs/h Top speed



High Speed

Specification				
Model	PaxGO AF-50			
Weighing range	25~50Kg			
Division	1g			
Accuracy range*	±10~25g			
Top speed*	950pcs/h			
Volume	86L			
Feeding method	Pneumatic cyli			

Volume	86L
Feeding method	Pneumatic cyline
Material	SS304,carbon s
I/O	8 output(5V),8 ir
Communication	RS485,Modbus
Pneumatic	0.4~0.6MPa
Power	Single Phase AC
Working environment	0~40°C, 90%R.

Structure & Dimension





Features:

- Granular material: design for packing plastic particles, rice, sugar and other granular material;
- Easy installation: module design, easy for installation and dismount;
- Convenient setup: self-adjust function with target value set only;
- High-speed performance: pneumatic cylinder control, speed can reach above 950pcs/h;
- Weighing accurate: weighing range is 25~50kg, accuracy range is ±10~25g.



Optional:



User-friendly interface design, vivid display, easy to operate.

K Pneumatic Version

nder control

steel

input(24V)

TCP/IP

C-220V ±10%,50/60HZ,1KW

~40°C, 90%R.H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.



DUPLEX PACKING FILLER AF-50KII







Easy Stable Performance Installat

±10~25g Accuracy range

1800 Pcs/h Top speed



Servo Moto Control





on			

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or	Mojahina	

Specification	
Model	PaxGO AF-50K I
Weighing range	10~50Kg
Division	1g
Accuracy range*	±10~25g
Top speed*	1800pcs/h
Volume	86L x 2
Feeding method	Feeding control by
Material	SS304,carbon ste
I/O	8 output(5V),8 inp
Communication	RS485,Modbus TC
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-2
Working environment	0~40°C, 90%R.H

Structure & Dimension





Features:

- Granular material: design for packing plastic particles, rice, sugar and other granular material;
- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;

• Fast and accurate: weighing range is 10-50kg, Speed can reach 1800 pcs/h, and accuracy range ± 10~25g.



Optional:



User-friendly interface design, vivid display, easy to operate.

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	•			1	121	0



y servo, pneumatic discharging

eel

out(24V)

CP/IP

220V ±10%,50/60HZ,1KW

condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.







Duplex Packing Filler (3 load cells structure) AF-50KI







Stable Easy Performance Installation

±10~25g Accuracy range

2000 Pcs/h Top speed



Servo Motor



Control



Specification Model PaxGOAF-50KII (3 load cells structure) Weighing range 10~50Kg Division 1g Accuracy range* ±10~25g Top speed* 2000pcs/h 86L x 2 Volume Feeding method Feeding control by servo, pneumatic discharging Material SS304, carbon steel I/O 8 output(5V),8 input(24V) RS485, Modbus TCP/IP Communication Pneumatic 0.4~0.6MPa Power Single Phase AC-220V ±10%,50/60HZ,1KW

Structure & Dimension

Working environment





Features:

- Granular material: design for packing plastic particles, rice, sugar and other granular material;
- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;

• Fast and accurate: weighing range is 10-50kg, Speed can reach 2000 pcs/h, and accuracy range ± 10~25g.



Optional:



User-friendly interface design, vivid display, easy to operate.

0~40°C, 90%R.H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.

Unit: mm



A-A

16-011

GROSS WEIGHER AF-100K

AGross Weigher AF-100K is suitable for packing 10~100kg free-flowing granular materials. High accuracy and fast speed, stable and durable.



10-100kg Weighing range	Stable Performance	Easy
±10~30g Accuracy range	Servo Motor Control	Weighing Accurate
600		

OUU Pcs/h





Features:

- Servo motor feeding;
- SS304 for whole machine, abrasive blasting for the scale and clamp; easy cleaning;
- 7-inch touch screen for easy operation;

•Support RS232 and RS485, USB for data exporting;

A variety of bag clamps are available:

- A. Pneumatic type (belt);
- •B. Pneumatic type (rubber);
- •C. Gravity type (no air pump required);







Specification	
Model	AF-100K
Weighing range	10~100Kg
Division	1g
Accuracy range*	±10~30g
Top speed*	600 pcs/h
Feeding method	Servo motor
Material	SS304 for whole n
Bag Clamps	A. Pneumatic typ B. Pneumatic typ C. Gravity type (n
Communication	RS485, RS232, L
Air Source	0.4-0.6MPa 2m³/I
Power	Single Phase AC
Working environment	0~40°C, 90%R.H

Structure & Dimension



machine, abrasive blasting for the scale and clamp be (belt); pe (rubber); (no air pump required); USB ³/h(No air pump required when selecting gravity type)

220V±10%, 50/60Hz, 1KW

.H condensation is not allowed

*Accuracy depends on the natures of material and flow rate. Speed depends on the density and flow rate of the materials.



ENTERPRISE PROFILE

General Measure established in 1993, as one of China's earliest industrial weighing company who is also a national high-tech enterprise, has over 50 people in the R&D team. For decades, we have been committed to improving the automatic process of industrial weighing and the precision of weighing control.

In 2003, we began to open the overseas market. Since 2006, General Measure dominated the high-end market and occupying more than 25% of the market in China. To expand the global business scale, we have been focusing on overseas markets since 2012. It has been seen that the average sales growth is above 30% every year.

We will continue to provide reliable industrial weighing indicators and equipment with excellent performance and weighing solutions with innovative value to our partners. Listening, Innovating, and growing together is our value, which guides us to achieve win-win cooperation by helping clients achieve their goals.



CUSTOMER CASE

Multi-applications

GM products are widely used in lithium battery, chemical industry, building materials, foods, feed schemicals, pharmaceutical industries and etc.





Chemical industry





Building materials industry





Fertilizer industry

Lithium battery industry



Grain industry



Feed industry

Logistics industry





Chemical industry