



مؤسسة الحكمة الدولية التجارية  
AL HEKEMA INTERNATIONAL TRDG. EST.

GCJ01-06-IBT

## WEIGHING TYPE SEMI-AUTOMATIC LIQUID FILLER



### Main function:

Barrel putting by manual, filling automatically

Cover putting by manual, cover clipping automatically, barrel pushing automatically

Filling and cover clipping in one machine, enhances the automaticity

A is normal model, B is explosion proof model

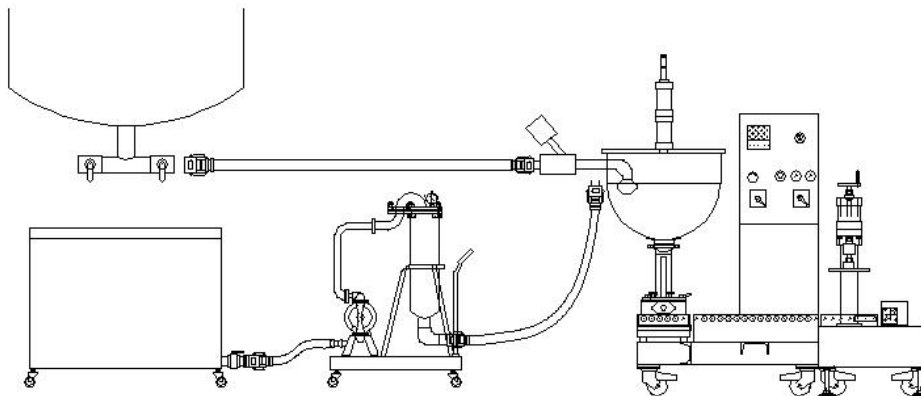
.Explosion proof grade: EXD IIBT6

### Suitable area:

Paint, printing ink, pastern, hardener, organic solvent, all kinds of flowing liquid.

### Main Technique Parameter:

Weighing scope (kg)	$\leq 6$	Barrel Dimension (mm)	$\leq \Phi 200 \times h300$
Division value (g)	2	Power source	AC220V $\pm 10\%$ 50HZ
Filling accuracy	$\leq \pm 4$	Air (MPa)	0.5
Filling speed (can/min)	8-12	Outside dimension	1275 $\times$ 1240 $\times$ 1505



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**GCJ01-50-IZ**  
**GCJ02-50-IZ**  
**WEIGHING TYPE FILLING AND**  
**COVER PRESSING MACHINE AUTOMATICALLY**



**主要功能:**

- 人工上罐，自动灌装
- 人工放盖，自动压（夹）盖
- 双头灌装速度倍增
- 灌装、压（夹）盖有机组合，提高自动化程度
- I为料斗型，II为封闭式灌装阀
- A为普通型 B为防爆型
- 防爆等级：EXDIIIBT6

**适应领域:**

涂料、油漆、油墨、胶粘剂、固化剂、有机溶剂、日化、洗涤剂、农药、医药、润滑油、食用油及各种可流动液体。

**Suitable area:**

Dope, oil paint, printing ink, pastern, organic solvent daily chemical, detergent, pesticide, medicine, lubricant, food oil and all kinds of flowing liquid.

**Main function:**

- Barrel putting by manual, filling automatically
- Cover putting by manual, cover clipping automatically
- Speed increases doubly with two filling heads
- Filling and cover clipping in one machine, enhances the automaticity
- I stands for hopper model, II stands for close-in filling valve
- A is normal model, B is explosion proof model
- Explosion proof grade: EXDIIIBT6

**Main Technique Parameter**

Mode	Weighing scope (kg)	Division value (g)	Filling accuracy (g)	Filling speed (can/min)	Barrel Dimension (mm)	Power source	Air so (MPa)	Outside dimension (mm)
GCJ01-50-IZ	≤50	10	≤±1%	5-12	≤Φ150-350、h120-370	AC220V±10%50HZ	0.5	1275×1240×1505
GCJ02-50-IZ	≤50	10	≤±1%	8-20	≤Φ150-350、h120-370	AC220V±10%50HZ	0.5	1500×625×1510

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**GCJ01-50-IIBT**  
**WEIGHING TYPE SEMI-AUTOMATIC LIQUID FILLER**



**Main function:**

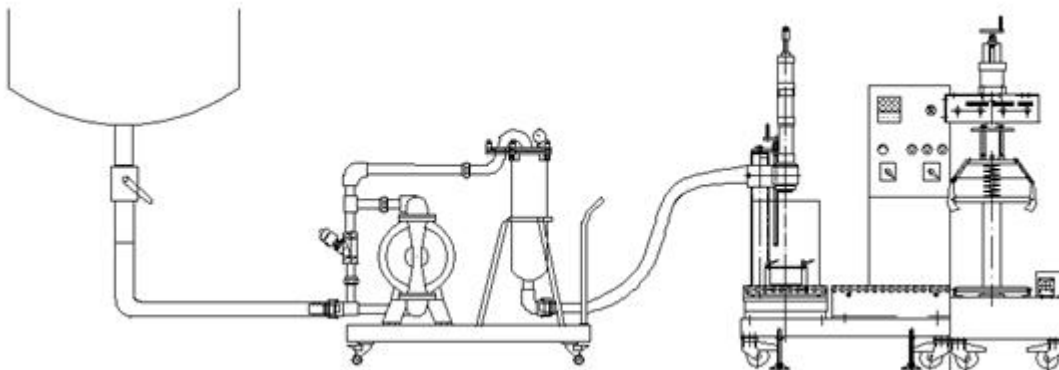
Barrel putting by manual, filling automatically  
Cover putting by manual, cover clipping automatically,  
barrel pushing automatically  
Filling and cover clipping in one machine, enhances  
the automaticity  
A is normal model, B is explosion  
proof model  
Explosion proof grade: EXD IIBT6

**Suitable area:**

paint , printing ink, pastern, hardener , organic solvent,  
putty

**Main Technique Parameter:**

Weighing scope (kg)	≤50	Barrel Dimension	≤Φ350×h400 (mm)
Division value (g)	10	Power source	AC220V±10%50HZ
Filling accuracy	≤±1‰	Air (MPa)	0.5
Filling speed(can/min)	5-12	Outside dimension	1390×1240×1472



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### GCJ01-200-4Q

#### 4-BIT BARREL WEIGHING TYPE AUTOMATIC LIQUID FILLER

Main function:

.Capable for the continuously filling of four-open-drum, the filling scope of single barrel is 200kg,the max weight scope is 2000kg

.The input and output of barrels are all controlled by PLC.

Microswitch for orientation,continuously filling.

.Filling head autorotation,enter the barrel mouth automatically.

.Anti-splash filling head.

.30 groups of data setting can be stored

.Automatic peel off,weighing value shows directly

.Two filling speed fast filling/show filling

.Emergency stop/power off twice protection

.Automatic alarm when filling weight exceed

.Feed pump automatically controlled by the machine

.Manual/Automatic operation mode

.Explosion proof grade:EXDIIBT6



#### Suitable area:

Dope, oil paint, printing ink, pastern, organic solvent daily chemical, detergent, pesticide, medicine, lubricant, food oil and all kinds of flowing liquid.

#### Main Technique Parameter

Weighing scope	$\leq 2000$	Barrel Dimension	$\leq \Phi 600 \times h930$
Division value (kg)	0.2	Power source	AC380V $\pm 10\%$ 50HZ
Filling accuracy (kg)	$\leq \pm 0.4$	Air (MPa)	0.5
Filling speed (can/hour)	40-60	Size of scale (mm)	1500 $\times$ 1500
Filling locations	4	Roller conveyer length (m)	4.5、7.5

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GCJ01-200-IIIB

## WEIGHING TYPE SEMI-AUTOMATIC LIQUID FILLER

### Main function:

Weight value shows immediately

Filling head enters to the bottom of can, rises when filling

Especially for bubbly material

May set and store, 30 groups of prescription

Gross/net filling mode

Automatic/manual operation mode

Filling quick/slow two grades of speed

Emergent stop/break/barrel moves, trice protection

Balance exceeding automatic alarm

Automatic material supply control

A is normal model, B is explosion proof model

Explosion proof grade: EXD IIBT6

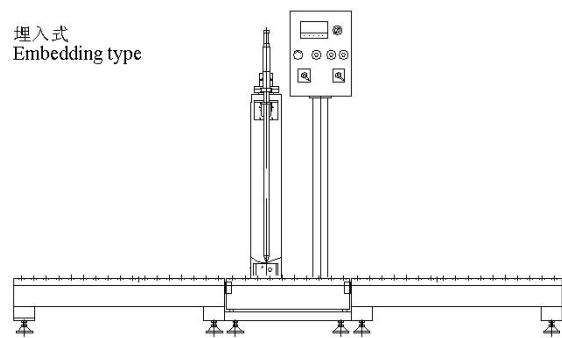
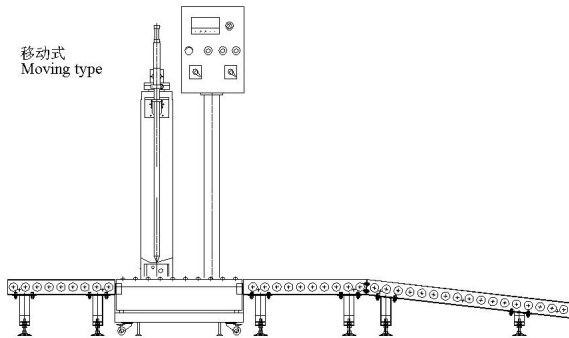


### Suitable area:

Paint, printing ink, pastern, hardener, organic solvent and all kinds of flowing liquid.

### Main Technique Parameter:

Weighing scope (kg)	50-300	Filling speed(can/)	40-60
Division value (g)	50	Barrel Dimension (mm)	$\leq \Phi 600 \times h930$
Filling accuracy	$\leq \pm 100$	Power source	AC220V $\pm 10\%$ 50HZ
Outside dimension (mm)	2 $\times$ 1200	Air (MPa)	0.5



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POWER OCEAN TECHNOLOGY LIMITED

GCJ02-50-IBG

WEIGHING TYPE AUTOMATIC LIQUID FILLER



Filling automatically,cans conveying automatically

Cover falling automatically,cover rolling-press automatically

Speed increases doubly with two filling heads

Filling,cover falling and cover rolling-press in one machine. enhances the automaticity

A is normal model ,B is explosion proof model

Explosion proof grade:EXDIIBT6

Weighing scope	≤50 (kg)	Filling speed (can/min)	8-20	Air (MPa)	0.5
Division value	10 (g)	Barrel Dimension (mm)	≤Φ150-350、 h120-370	Altitude of conveyor	605 (mm)
Filling accuracy	≤±1‰	Power source	AC380V±10%50HZ AC220V±10%50HZ	Outside dimension	5240×1070×2275

**Suitable area:**

Dope, oil paint, printing ink, pastern, organic solvent daily chemical, detergent, pesticide, medicine, Iubricant, food oil and all kinds of flowing liquid.

Main Technique Parameter

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GCJ02-50-III

WEIGHING TYPE SEMI-AUTOMATIC LIQUID FILLER

**Main function:**

Weight value shows immediately  
Filling heads enter to the bottom of cans, rise when filling  
Barrel putting by manual, barrel pulling after filling by manual  
Single-head filling, or two heads filling simultaneously  
Especially for bubbly material  
May set and store, 30 groups of prescription  
Gross/net filling mode  
Automatic/manual operation mode  
Filling quick/slow two grades of speed  
Emergent stop/break/barrel moves, trice protection  
Balance exceeding automatic alarm  
A is normal model, B is explosion proof model  
Explosion proof grade: EXD IIBT6

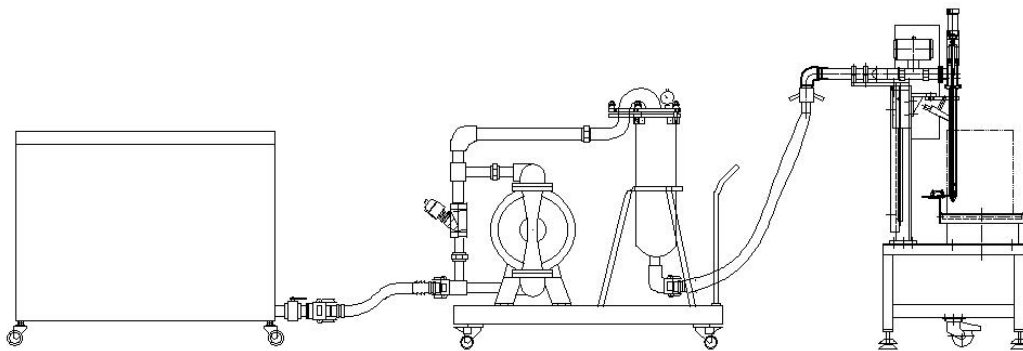


**Suitable area:**

Paint, printing ink, pastern, hardener, organic solvent,  
and all kinds of flowing liquid.

**Main Technique Parameter:**

Weighing scope (kg)	≤50	Barrel Dimension	≤ Φ350×h400 (mm)
Division value (g)	10	Power source	AC220V±10%50HZ
Filling accuracy	≤±1‰	Air (MPa)	0.5
Filling speed(can/min)	8-10	Outside dimension (mm)	1500×625×1510



Representative application

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GCJ02-50-IISB

WEIGHING TYPE SEMI-AUTOMATIC HARDENER FILLER

**Main function:**



Weight value shows immediately  
May set and store, 30 groups of prescription  
Filling heads enter to the bottom of cans, rise when filling  
Single-head filling, or two heads filling simultaneously  
Equipped with nitrogenization device, especially for hardener filling  
Gross/net filling mode  
Automatic/manual operation mode  
Filling quick/slow two grades of speed  
Emergency stop/break/barrel moves, triple protection  
Balance exceeding automatic alarm  
Changeable filling head  
A is normal model, B is explosion proof model  
Explosion proof grade: EXD IIBT6

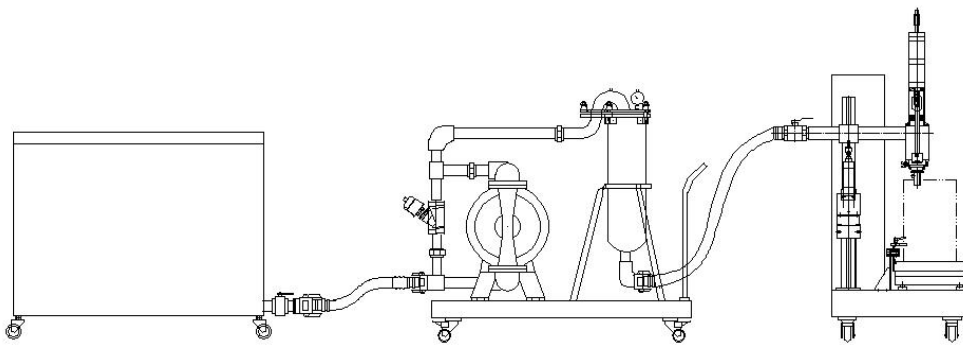
**Suitable area:**

Paint, printing ink, pastern, hardener organic solvent and

all kinds of flowing liquid.

**Main Technique Parameter:**

Weighing scope (kg)	≤50	Barrel Dimension	≤Φ350×h400 (mm)
Division value (g)	10	Power source	AC220V±10%50HZ
Filling accuracy	≤±1‰	Air (MPa)	0.5
Filling speed (can/min)	8-10	Outside dimension	1500×625×1523



Representative application

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## POWER OCEAN TECHNOLOGY LIMITED



مؤسسة الحكمة الدولية التجارية  
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GWJ01-01 // GWJ01-05

### SERIES PISTON TYPE SEMI-AUTOMATIC LIQUID FILLER

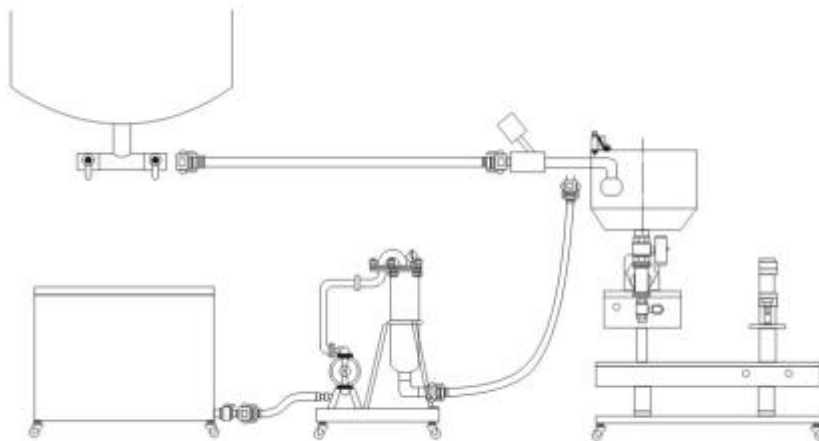
#### Main function:

All pneumatic control, meet the explosion proof need  
All main parts are import and of high quality  
High accuracy and high filling speed  
Available for material of all viscosity  
Fit for round, square, flat and all kinds of mouth of can  
Filling heads available for change, avoid drippage  
Material supply controller is installed, control the material supply automatically  
Operated by foot switch, easy to operate  
Special mode is provided for gum water and other material difficult to fill  
Cover pressing machine for choice and using together  
Self clean by circulate the detergent for several times



#### Suitable area:

Dope, oil paint, printing ink, pastern, organic solvent daily chemical, detergent, pesticide, medicine, lubricant, food oil and all kinds of flowing liquid.



典型应用 Representative application

#### Main Technique Parameter

mode	Filling scope (L)	Error value (ml)	Speed(can/min	Air source (Mpa)	Size (mm)
GWJ01-01	0.1-1	±2	15-25	0.5	1520×1000×1600
GWJ01-05	0.5-5	±5	10-15	0.5	1700×1000×1600

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**GWJ02-05-T**

## SERIES PISTON TYPE SEMI-AUTOMATIC LIQUID FILLER



### Main function:

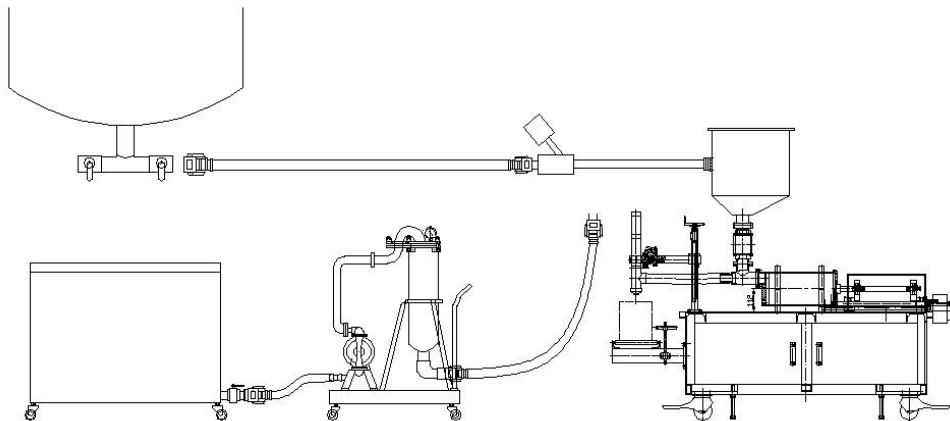
All pneumatic control, meet the explosion proof request  
All main parts are import and of high quality  
High accuracy and high filling speed  
Available for material of all viscosity  
Fit for round, square .falt and all kinds mouth of can  
Barrel putting by manual, filliing automatically  
Cover putting by manual, cover clipping automatically, barrel pushing automatically  
Filling and cover clipping in one machine, enhances the automaticity  
A is normal model, B is explosion proof model  
Explosion proof grade: EXD IIBT6

### Suitable area:

Dope, paint, printing ink, pastern, hardener, organic solvent, putty

### Main Technique Parameter:

Mode	Filling scope(L)	Error value (ml)	Speed(can/min)	Air source (Mpa)	Size(mm)
GWJ02-05-T	0.5-5	±5	20-40	0.5	1250×2400×1495



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GWJ04-05-Q

## SERIES PISTON TYPE AUTOMATIC LIQUID FILLER

### Main function:

All pneumatic control

The conveyor uses the explosion-proof design

Measurement cylinder tubes are horizontal, convenient for cleaning

The transportation turning table, counter, automatic cover pressing parts are installed

Capable for the automatic filling of dope, paint, printing ink, pastern

Filling scope of this machine is very wide. The filling and capping of lots of abnormal bottles could be achieved. Its multifunction can satisfy many kinds of need of customers.

Matching automatic cover falling machine according one's need



### Suitable area:

Paint, printing ink, pastern, organic solvent daily chemical, detergent, pesticide, medicine, Lubricant, food oil and all kinds of flowing liquid.

### Main Technique Parameter

Weighing scope (L)	0.5-5	Filling speed (can/min)	30-50
Filling head	4	Size of can	$\leq \Phi 180 \times h200$
Error value (ml)	$\pm 5$	Explosion proof grade	EXDIIBT6
Entire machine quality (kg)	1000	Air source (mpa)	0.5

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## KQL QUICK TYPE PNEUMATIC FILTER

### Main function:

KQL quick type pneumatic film bump filter includes one stainless steel standard type filter, pneumatic film bump import from America, gas pneumatic two united parts and single gas row for moving to any production line for operation.

### Main characters:

Low cutting capability suitable for non-stable material;  
With compressed air as power suitable for middle & high sticky materials;  
Production without electrical spark in accordance with the exploding resistance requirement

### Suitable area:

Filtering for the materials of paint, printing oil, all kinds of dope, colophony, petroleum, medical product, chemical product, cosmetic, textile product, sensitization, hot solvent, industrial water, plating liquid, milk, mineral water, juice, vegetable oil and etc.



### Main Technique Parameter

Model		KQL-0.25	KQL-0.25-2	KQL-0.5	KQL-0.5-2
Filter	Filtering area(m <sup>2</sup> )	0.25	0.25×2	0.5	0.5×2
	Design pressure/temperature(mpa/ <sup>0</sup> C)	0.6/120			
	Filtering bag diameter/length(mm)	180/450		180/810	
	Filtering accuracy(um)	1、 3、 5、 10、 20、 25、 50、 70、 80、 100…1400			
pneumatic film pump	Size ( " )	1	11/2		
			2		
	Maximum flowing(m <sup>3</sup> /h)	9	22		
			38		
	Maximum pressure(mpa)		0.8		

### 型号说明:

### Model explanation

KQL-0.5-A-2

2为双桶 未注为单桶  
2 double-barrel not indicated is single-barrel

A为普通型 B为耐腐蚀型  
A Ordinary type B Anti-corrosive type

过滤面积  
Filter area

快开式气动隔膜泵过滤机  
quick type pneumatic film bump filter

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## GQL SELF-SCRAPE-CLEAN FILTER



- Main structure and working principle:**  
GQL self-scrape-clean filter contains a stainless steel self-scrape-clean filter with an imported filtration net, a pneumatic pump or electric gear pump import from America, which are installed all on a trolley and can be removed to any place of product line working continuously.
- Main characteristic**  
Wipe of impurity efficiently, ensure the filter accuracy, the pressure inside the filter remain low and unchanged and its better for the material of high viscosity.
- Main characters:**  
Filter which needs not to maintain manual can be used forever, it can save the cost of changing filter bag, and protect the environment.  
Entire else-in filter, it can filter online continuously, reduce the pollution and improve the output of product.  
Very short time to discharge draff (less than 1second) which is much less than normal filter method that can reduce the loss of production.  
Quiet、safe、protect the environment.  
Short respond cycle  
Main use:  
Paint, coatings, bond, printing ink,  
Especially it is good solution for high viscosity material with lot of impurity.

### 型号说明: Model explanation

GQL-800-A

- A为配隔膜泵水性型  
A water based pneumatic pump installed
- B为配隔膜泵溶剂型  
B solvent based pneumatic pump installed
- C为配齿轮泵高粘度型  
C gear pump installed for high viscosity material
- 过滤器系列号  
filter series
- 刮除清理式过滤机  
self-scrape-clean filter

### Main technique parameter

Mode	filter	pneumatic pump		gear pump		
	Filtering accuracy (um)	Spec ( " )	Max flux (m <sup>3</sup> /h)	Spec ( " )	Max flux (m <sup>3</sup> /h)	Motor power (kilowatt)
GQL-800	25.50.70.80.100.120.·····1400	2	36	2	30	4

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