



JOLONG

Fluid Dosing System



HV107



HV301C



HV103

Feature

1. Dual pneumatic cylinder structure design brings higher stability during operation, more average actuation force and smoother fluid output.
2. Patent design of follower plate which enables the follower plate and container can be combined tighter.
This can be used on any container with taper or high viscosity fluid and can further reduce the residual materials inside the container or at the bottom of container significantly.
3. The pneumatic cylinder auxiliary press is suitable for high viscosity grease or the grease that hard to extract by normal pump.
4. Suitable for original 50 gallon grease drum from every country.
5. The pump is made of aluminum alloy.

Grease Usage

Available for normal #00~#3 grease. For special grease Please contact with us.

Model	Capacity	Air Input Pressure	Pressure Ratio	Grease Output Pressure	Deliver Rate	Hose Length	N.W.	G.W.	CUFT
HV103	200L	4~9 bar 60~130 psi	45:1	180 ~ 405 bar 2700 ~ 5850 psi	9g/cycle	N/A	232 kg	295 kg	64.9'



HV106

Feature

1. Dual pneumatic cylinder structure design brings higher stability during operation, more average actuation force and smoother fluid output.
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3. The pneumatic cylinder auxiliary press is suitable for high viscosity grease or the grease that hard to extract by normal pump.
4. Suitable for original 50 gallon grease drum from every country.

Grease Usage

Available for normal #00~#3 grease. For special grease Please contact with us.

Model	Capacity	Air Input Pressure	Pressure Ratio	Grease Output Pressure	Deliver Rate	Hose Length	N.W.	G.W.	CUFT
HV106	1kg	3~5 bar 40~70 psi	55:1	165 ~ 275 bar 2300 ~ 3850 psi	2g/cycle	N/A	21 kg	37.5 kg	8.8'



HV107

Feature

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3. The pneumatic cylinder auxiliary press is suitable for high viscosity grease or the grease that hard to extract by normal pump.
4. Suitable for original 5 gallon grease drum (20L) from every country.
5. A dust cover is attached to effectively reduce the contamination of grease with dust or foreign objects.

Grease Usage

Available for normal #00~#3 grease. For special grease Please contact with us.

Model	Capacity	Air Input Pressure	Pressure Ratio	Grease Output Pressure	Deliver Rate	Hose Length	N.W.	G.W.	CUFT
HV107	20L	4~9 bar 60~130 psi	45:1	180 ~ 405 bar 2700 ~ 5850 psi	9g/cycle	N/A	46.5 kg	68 kg	17.8'



HV301C

Feature

1. Patent design of follower plate which enables the follower plate and container can be combined tighter.
This can be used on any container with taper or high viscosity fluid and can further reduce the residual materials inside the container or at the bottom of container significantly.
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Model	Capacity	Air Input Pressure	Pressure Ratio	Grease Output Pressure	Deliver Rate	Hose Length	N.W.	G.W.	CUFT
HV301C	20L	4~9 bar 60~130 psi	45:1	180 ~ 405 bar 2700 ~ 5850 psi	9g/cycle	N/A	71.5 kg	92.5 kg	20.8'

Filter / Fluid Pressure Regulator / Control System

Filter



OFF-250

Fluid Pressure Regulator



RD100~RD400



RDS110

Filter

Model	Inlet	Outlet	Max. Input Pressure: MPa	Mesh Number	Weight
OFF-250	3/8" PS(f)	1/4" PS(f)	25(250 kg)	60 · 100 · 200	1.0 kg

Fluid Pressure Regulator Series

Model	Inlet	Outlet	Pressure Adjustment Range: MPa	Max. Input Pressure: MPa	Weight
RD100	3/8" PS(f)	3/8" PS(f)	0~9.8(0~100 kg)	39.2(400 kg)	1.8 kg
RD250			0.2~25(20~250 kg)		
RD400			4.9~39.2 (50~400 kg)		
RDS110	1/4" PS(f)	1/4" PS(f)	0~9.8 (0~100 kg)	10.8(110 kg)	1.6 kg

Control System



EB04 / EB10
Control System for Dispenser



CCS100A / CCS100B
Grease / Oil Dosing System

Precise Dispenser / Control Valve

Precise Dispenser



APD005/APD010/APD050



APD100



APD300A



APD2000/APD5000/APD10000



APD001A



APD010A



APD050A

Control Valve



G550



G650

Precise Dispenser Series

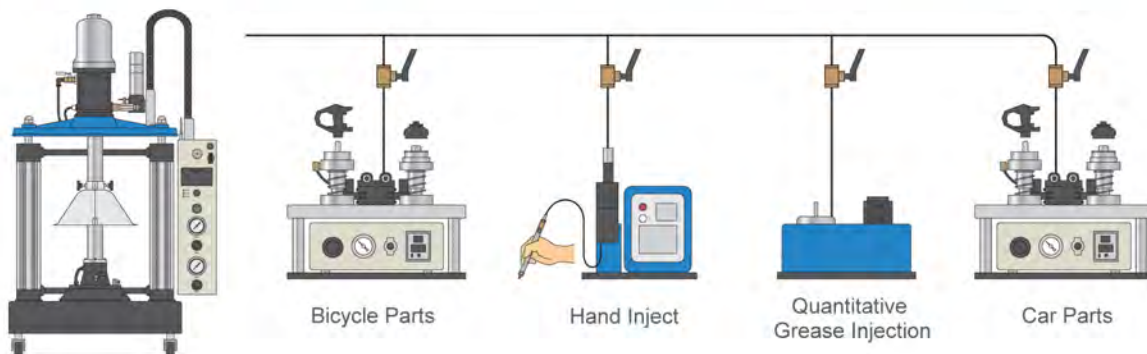
Model	Dispensing Volume (c.c.) Accuracy ±1%~2%	Min. operating pressure : MPa		Operating Pressure: MPa		Bearable Pressure on Lubricant: MPa	Grease Range	Weight		
		Lubricant	Air Pressure	Lubricant	Air Pressure					
APD005	0.05~0.5	4.9 (50 kg)	0.3 (3 kg)	4.9~14.7 (50~150 kg)	0.3~0.7 (3~7 kg)	20.6 (210 kg)	Grease NLGI No.0 ~ No.3 Lubricant or Gear Oil	1.6 kg		
APD010	0.1~1.0								1.6 kg	
APD050	0.5~5								1.7 kg	
APD100	1~10							2.7 kg		
APD2000	20~200							7.7 kg		
APD5000	100~500							13 kg		
APD010000	200~1000							22 kg		
APD001A	0.01~0.1	1.5 (15 kg)		1.5~4.9 (15~50kg)				5.0 (50 kg)		0.9 kg
APD010A	0.05~1									1.2 kg
APD050A	0.5~5								12.0 (120 kg)	1.6 kg
APD300A	3~30									2.3 kg

Control Valve

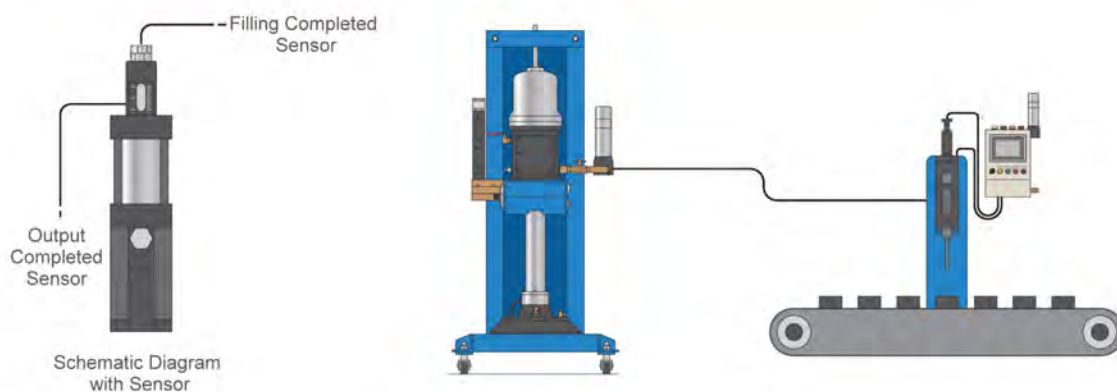
Model	Air Inlet	Material Inlet	Material Outlet	Min. operating pressure: MPa	Operating Pressure: MPa		Bearable Pressure on Lubricant: MPa	Used Fluid	Weight
				Air Pressure	Lubricant	Air Pressure			
G550	1/8" PS(f)	1/4" PS(f)	M16 (M)	0.3 (3 kg)	1.5~12 (15~120 kg)	0.3~0.7 (3~7 kg)	15 (150 kg)	Grease NLGI No.0~No.3 or Lubricant or Gear Oil	0.6 kg
G650	1/8" PS(f)	1/4" PS(f)	1/4" PS(f)		1.5~20 (15~200 kg)		20 (200 kg)		1.4 kg

Precision Dispenser applications

One-to-many System



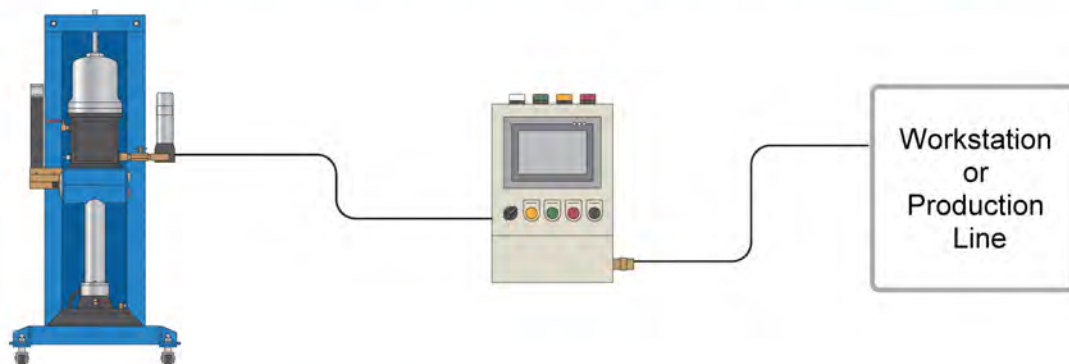
Action Confirmation Detection



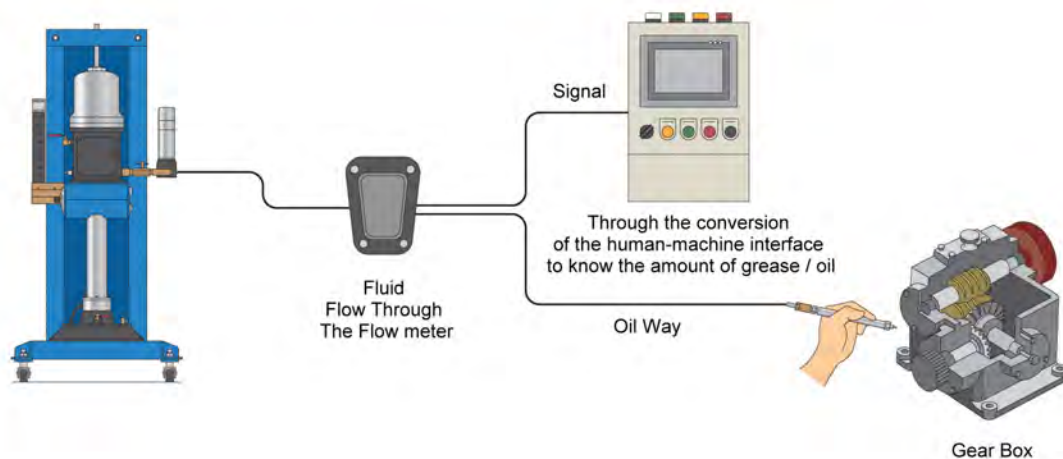
Application

Application	Oil Seals	Caster Wheel	Parts	Car Parts
注油前 Before				
注油後 After				

Pneumatic Grease Pump with Quantitative Grease Injection System



Example with Flow Meter Application



Application	Bearing	Air Tools Parts	Parts Filling Grease	Ball Joint
注油前 Before				
注油後 After				

Customized Models



Front Fork
Grease Machine



Caster Wheel
Greasing Machine



8-Position
Filling Greasing
Machine



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