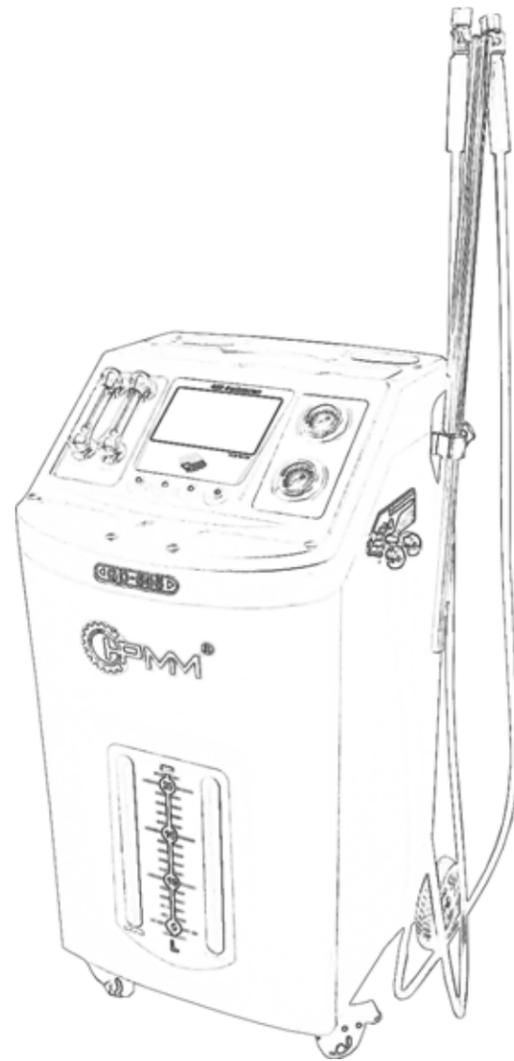


# CLEANING & CARING

## 清洗养护类



## BRAKE BLEEDER

### 制动液更换机

#### ELECTRIC-LINE 电动系列

#### FEATURES 产品特点



Fluid exchange can be done in **20 mins** and the exchanging speed is adjustable.  
换液速度可调，最快20分钟可完成换液操作。  
Automatic shut off when the new fluid volume reaches minimum fluid level with a warning signal.  
具有低液位报警及自动暂停功能。



The tool case can be laid down to become an umbrella for the buttons and the meter during shipping.  
工具箱可平放，运输途中为按键和仪表提供保护。



Don't make your adapters case become a reservoir. We specially design a port for residual oil.  
特别设置残液接口，避免残液积压。  
PATENT:  
Including an universal adapter.  
适用于多种规格的万用接头。



You will get different adapters covered for 90% car type.  
内藏多种接头，可覆盖90%车型。



The patented adapter design gives maximum fastening performance for convenient fluid exchanging and avoid fluid leakage during operation.  
本专利接头密封紧固性能优秀，极大方便更换油操作的同时，防止操作过程中的液体泄露风险。



Take it easy with deformed ports with our easy cap adapter.  
(TOYOTA & some Lexus series)  
便捷锁紧盖帽，独特松紧设计，轻松无缝对接变形加注口(丰田及部分雷克萨斯型)  
A filter promises the fluid pass through without other things.  
接头带过滤网，有效拦截杂质，保证输入液体的洁净度



DS-520



#### PARAMETERS 参数

Model 型号	DS-520
Tank capacity 灌体容积	18L (4.7 Gallon)
Voltage 电压	AC110~220V / DC12V(Optional)
Power 功率	70W
Operating pressure 工作压力	1~2.2 bar
Maximum pressure 最大压力	2.5 bar

# BRAKE BLEEDER

制动液更换机

PNEUMATIC-LINE  
气动系列



Standard accessories  
随机附件

GS-432

GS-452

# ATF EXCHANGER

变速箱油更换机



Standard accessories  
随机附件

85 types optional  
connectors  
85 件套可选配接头

GA-322

GD-322B

## PARAMETERS 参数

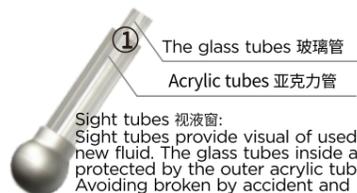
Model 型号	GS-432	GS-452
Tank capacity 灌体容积	6L	10L
Working pressure 工作压力	10~30psi	
Delivery hose length 螺旋软管长度	5m	
safety valve 安全阀	40psi	
N.W. / G.W. 毛净重	9.3/11.3KG	11.6/13.3KG
Dimension 包装尺寸	500*465*570mm	370*350*780mm

## PARAMETERS 参数

Model 型号	GA-322	GD-322B
Suit for 适用车型		
Mode 模式	Manual	Manual
Power supply 电源	Air compressor	AC220V/50Hz/1PH
Max.tank volume 油桶容积	30L	30L
Filter fineness 过滤精度	5μm	5μm
Oil pump power 油泵功率	/	250W
Operating temp. 工作温度	-20 ~ +60°C	-20 ~ +60°C
Inlet/Outlet pipe length 进/出油管长度	2.5m	2.5m
N.W. / G.W. 毛净重	35.5/38.5KG	38/41KG
Dimension 包装尺寸	595mm*465mm*1115mm	595mm*465mm*1115mm

# ATF EXCHANGER

## 变速箱油更换机



Sight tubes 视液窗:  
Sight tubes provide visual of used and new fluid. The glass tubes inside are protected by the outer acrylic tubes. Avoiding broken by accident and ensuring safe operation.  
可清晰观察油更换前后状态。既防止外部不小心碰破玻璃管,又防异常操作导致内部 高压油击破玻璃管对人体造成的伤害。

### FEATURES 产品特点



- LCD, easy to operate  
液晶显示, 操作方便
- Automatically identify flow direction. Easy and convenient.  
配置汽车进/出口自动识别装置, 防止进/出口接错引起不良现象出现。
- External filter: For easy maintenance and replacement.  
外置过滤器, 方便维护/更换  
Molded filter cover, neat & good-looking  
模具化过滤器盖更美观
- Automatically circulation cleaning and exchanging gear oil  
可实现免拆波箱进行波箱自动循环清洗及波箱自动循环换油
- Individually discharge or recharge new gear oil  
自动变速箱油位调整: 单独向波箱内补充新油, 或单独从波箱内排出新油



GD-332

### PARAMETERS 参数

Model 型号	GD-332
Suit for 适用车型	
Mode 模式	Fully-automatic
Screen 屏幕	LCD
Power supply 电源	DC12V AC110/AC220V, 50/60Hz (Optional可选)
Max.tank volume 油桶最大容积	20L
Exchange accuracy 等量交换精度	±100ml
Filter fineness 过滤精度	5µm
Outlet pipe length 出油管长度	2.5m
Inlet pipe length 进油管长度	2.5m
Discharge pipe length 排油管长度	1.5m
Oil pump power 油泵功率	140W
N.W. / G.W. 毛净重	40/43.9KG
Dimension 包装尺寸	595*465*1115mm

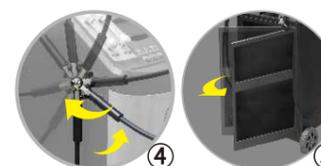
# ATF EXCHANGER

## 变速箱油更换机

### PROFESSIONAL 豪华款



### FEATURES 产品特点



- The new sight glasses is made of solid material with high temperature resistance, pressure resistance and impact resistance results, ensuring a long service life. New sight glasses use mold production, integrated design, material is strong, high temperature, high pressure resistance, longer service life.
- Monitor used and new oil level through a sight window.  
油桶油位窗口  
方便操作随时掌握新旧油桶内油位。
- Detachable hoses holder. Removable lifting suspension tubing  
Adaptable to different personnel, high operating suspension tubing  
可适应不同身高工作人员操作悬挂油管
- Rotatable tube devices help to avoid curling of the tubes. Effectively extend the tube life. A unique design prevents the sealing ring worn when rotating the tubes.  
可旋转进出油管  
有助于避免进出油管的绕曲, 有效延长油管寿命。  
接头内部采用滚珠结构, 防止油管旋转磨损密封圈。  
配置汽车进/出口自动识别装置, 防止进/出口接错引起不良现象出现。
- Special design of the back door leaves more storage space for tools and parts.  
多层接头槽后门盖, 相当工具箱, 可存储工具和零件等。



GD-505

GD-505C

### PARAMETERS 参数

Model 型号	GD-505	GD-505C
Suit for 适用车型		
Mode 模式	Fully-automatic	Fully-automatic
Screen 屏幕	LCD	LCD
Power supply 电源	AC110/AC220V, 50/60Hz DC12V(Optional可选)	AC110/AC220V, 50/60Hz DC12V(Optional可选)
Heater power 功率	/	/
Operating temp. 工作温度	-20 ~ +60°C	-20 ~ +60°C
Max.tank volume 油桶最大容积	25L	25L
Cleaning fluid bottle capacity 清洗液瓶容积	/	250ml
Exchange accuracy 等量交换精度	±100ml	±100ml
Filter fineness 过滤精度	5µm	5µm
Inlet/Outlet pipe length 进/出油管长度	2.5m	2.5m
Discharge pipe length 排油管长度	1.5m	1.5m
Oil pump power 油泵功率	140W	140W
N.W. / G.W. 毛净重	61/68KG	61/68KG
Dimension 包装尺寸	510*540*1075mm/685*435*1180mm	

# ATF EXCHANGER

## 变速箱油更换机

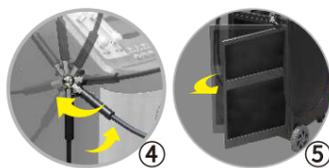
### PROFESSIONAL

豪华款



Equal quantity exchange

#### FEATURES 产品特点



- ① The new sight glasses is made of solid material with high temperature resistance, pressure resistance and impact resistance results, ensuring a long service life. 新视窗采用模具化生产，一体成型，材料坚固，耐高温，耐压耐冲击，使用寿命更长。
- ② A sight window to monitor used and new oil level. 油桶油位窗口方便操作随时掌握新旧油桶内油位。
- ③ Detachable hoses holder.可拆式升降悬挂杆 Adaptable to different personnel, high operating suspension tubing 可适应不同身高工作人员操作悬挂油管
- ④ Rotatable tube devices help to avoid curling of the tubes. Effectively extend the tube life. An unique design prevents the sealing ring worn when rotating the tubes. 可旋转进出油管有助于避免进出油管的绕曲，有效延长油管寿命。接头内部采用滚珠结构，防止油管旋转磨损密封圈。Automatically identify flow direction. Easy and convenient. 配置汽车进油出口自动识别装置，防止进油出口接错引起不良现象出现。
- ⑤ Special design of the back door leaves more storage space for tools and parts. 多层接头槽后门盖，相当工具箱，可存储工具和零件等。



GD-605

GD-605C



#### PARAMETERS 参数

Model 型号	GD-605	GD-605C
Suit for 适用车型		
Mode 模式	Fully-automatic	Fully-automatic
Screen 屏幕	Touch screen	Touch screen
Power supply 电源	AC220V, 50/60Hz	AC220V, 50/60Hz
Heater power 功率	/	/
Operating temp. 工作温度	-20 ~ +60°C	-20 ~ +60°C
Max.tank volume 油桶最大容积	25L	25L
Cleaning fluid bottle capacity 清洗液瓶容积	/	250ml
Exchange accuracy 等量交换精度	±100ml	±100ml
Filter fineness 过滤精度	5µm	5µm
Inlet/Outlet pipe length 进/出油管长度	2.5m	2.5m
Discharge pipe length 排油管长度	1.5m	1.5m
Oil pump power 油泵功率	140W	140W
N.W. / G.W. 毛净重	65.4/72.4KG	65.4/72.4KG
Dimension 包装尺寸	510*540*1075mm/685*435*1180mm	

# ATF EXCHANGER

## 变速箱油更换机

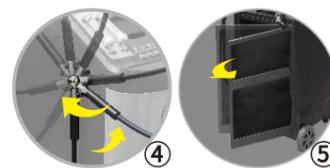
### PROFESSIONAL

豪华款



Equal quantity exchange

#### FEATURES 产品特点



- ① The new sight glasses is made of solid material with high temperature resistance, pressure resistance and impact resistance results, ensuring a long service life. 新视窗采用模具化生产，一体成型，材料坚固，耐高温，耐压耐冲击，使用寿命更长。
- ② A sight window to monitor used and new oil level. 油桶油位窗口方便操作随时掌握新旧油桶内油位。
- ③ Detachable hoses holder.可拆式升降悬挂杆 Adaptable to different personnel, high operating suspension tubing 可适应不同身高工作人员操作悬挂油管
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- ⑤ Special design of the back door leaves more storage space for tools and parts. 多层接头槽后门盖，相当工具箱，可存储工具和零件等。



GD-606

GD-606C



#### PARAMETERS 参数

Model 型号	GD-606	GD-606C
Suit for 适用车型		
Mode 模式	Fully-automatic	Fully-automatic
Screen 屏幕	Touch screen	Touch screen
Power supply 电源	AC220V, 50/60Hz	AC220V, 50/60Hz
Heater power 功率	2500W	2500W
Operating temp. 工作温度	-20 ~ +60°C	-20 ~ +60°C
Max.tank volume 油桶最大容积	25L	25L
Cleaning fluid bottle capacity 清洗液瓶容积	/	250ml
Exchange accuracy 等量交换精度	±100ml	±100ml
Filter fineness 过滤精度	5µm	5µm
Inlet/Outlet pipe length 进/出油管长度	2.5m	2.5m
Discharge pipe length 排油管长度	1.5m	1.5m
Oil pump power 油泵功率	140W	140W
N.W. / G.W. 毛净重	65.4/72.4KG	65.4/72.4KG
Dimension 包装尺寸	510*540*1075mm/685*435*1180mm	