



Vacuum pump



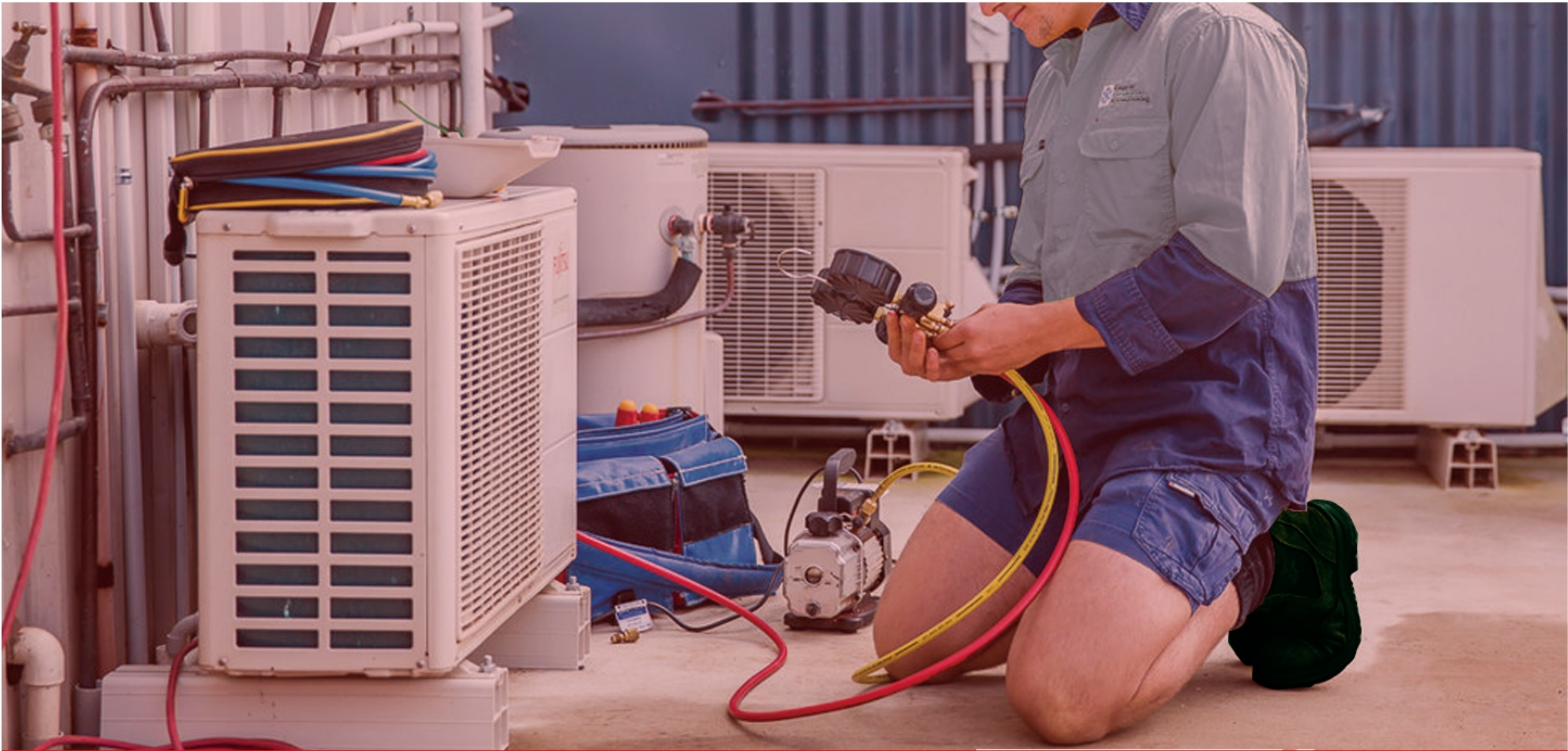
K Series Vacuum Pump

The integrated tank do maximize the vacuum.
Large sight-glass,preventing oil-low.
High strength rubber with the metal insert design,the handle is solid and comfortable.



Model		KQ-1K	KQ-1.5K	KQ-2K	KQ-3K	KQ-4K
Flow Rate(cfm)	220V~/50Hz	2CFM	3CFM	4CFM	6CFM	8CFM
		60L/min	90L/min	120L/min	180L/min	240L/min
	110V~/60Hz	2.4CFM	3.6CFM	4.8CFM	7.2CFM	9.6CFM
		72L/min	108L/min	144L/min	216L/min	288L/min
Ultimate Vacuum	极限分压 Partial Pressure	0.8Pa	0.8Pa	0.8Pa	0.8Pa	0.8Pa
	极限全压Total Pressure	60Micron	60Micron	60Micron	60Micron	60Micron
Power(HP)		1/4	1/4	1/3	1/2	3/4
RotatingSpeed(r/min)	220V~/50Hz	1440	1440	1440	1440	1440
	110V~/60Hz	1720	1720	1720	1720	1720
Inlet Port		1/4"SAE	1/4"SAE	1/4"SAE	1/4"SAE	1/4"SAE
Oil Capacity(ml)		250	200	250	400	650
Dimensions(mm)		285x122x218mm	285x122x218mm	313x122x230mm	345x137x243mm	392x143x254mm
Weight(kg)		5.1kg	6.2kg	8kg	9.8kg	14.5kg

Model		2KQ-1K	2KQ-2K	2KQ-3K	2KQ-4K
Flow Rate(cfm)	220V~/50Hz	2CFM	4CFM	6CFM	8CFM
		60L/min	120L/min	180L/min	240L/min
	110V~/60Hz	2.4CFM	4.8CFM	7.2CFM	9.6CFM
		72L/min	144L/min	216L/min	288L/min
Ultimate Vacuum	Partial Pressure	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa
	Total Pressure	15Micron	15Micron	15Micron	15Micron
Power(HP)		1/3	1/2	3/4	1
RotatingSpeed(r/min)	220V~/50Hz	1440	1440	1440	1440
	110V~/60Hz	1720	1720	1720	1720
Inlet Port		1/4"SAE	1/4"SAE	1/4"SAE	1/4"SAE
Oil Capacity(ml)		250	350	600	580
Dimensions(mm)		313x122x230mm	345x137x243mm	392x143x254mm	392x143x254mm
Weight(kg)		8.5kg	10.5kg	16kg	17kg



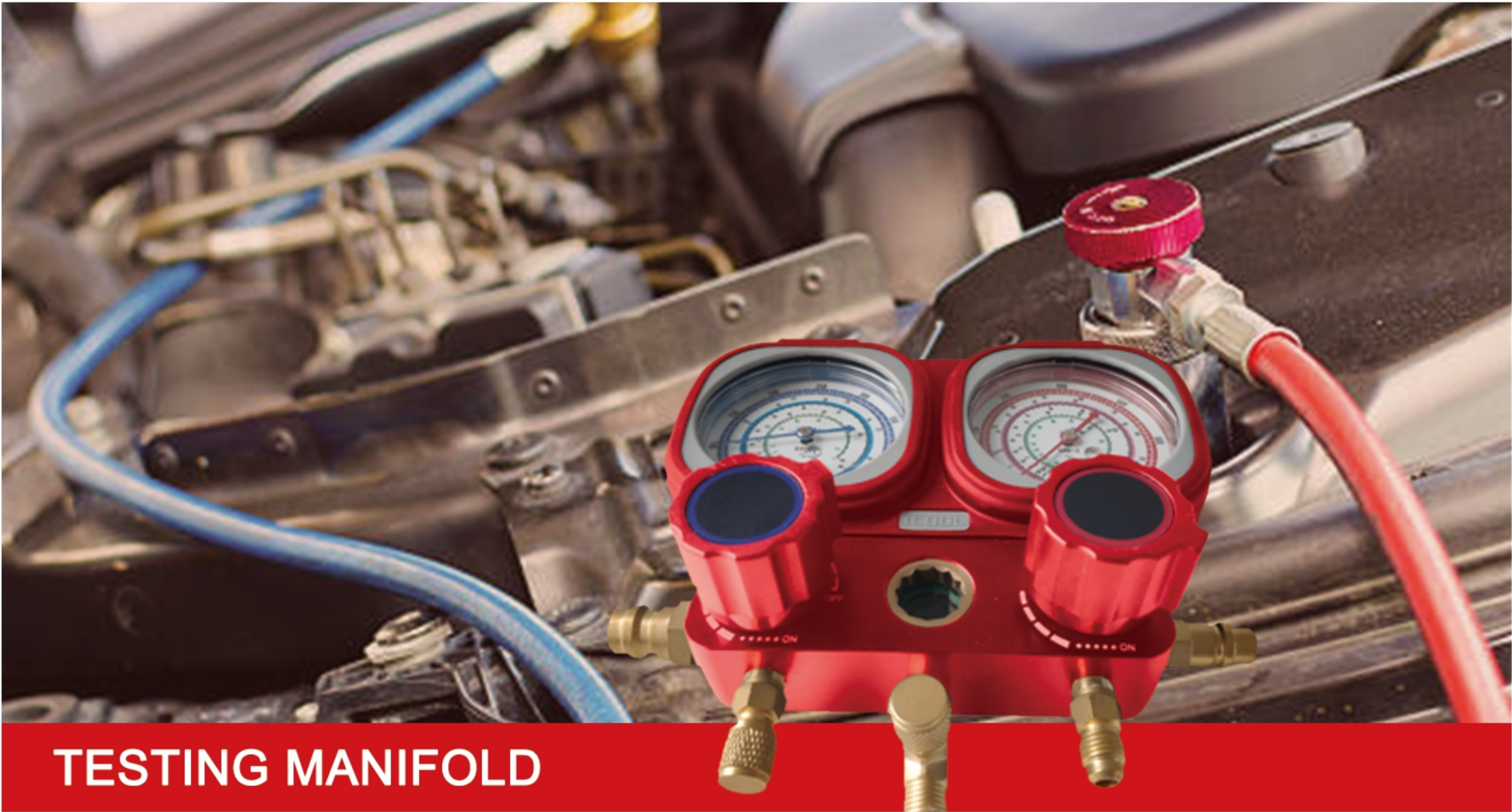
Recovery Unit

A Series Recovery Unit

- 1.Oil-less compressor,capable of handing recovery and filling for varied kinds of refrigerants;
- 2.Multi-functional valve design,automatic clearance of remaining refrigerants;
- 3.“Super Cool”fan and efficient condenser design,speed up the recycling and filling;
- 4.Pull rod design,convenient for taking out;



型号Model		TRR12A			TRR24A		
Refrigerants		Category III:R-12、R-134a、R-401C、R-500					
		Category IV :R-22.、R-401A、R-401B、R-402B、R-407C、R-407D、R-408A、R-409A、R-411A、R-411B、R-412A、R-502、R-509					
		Category V :R-402A、R-404A、R-407A、R-407B、R-410A、R-507					
Power Supply		220~ 240V/50~60Hz	115V/60Hz	220~240V/50~60Hz	115V/60Hz		
Motor		3/4HP Ac	3/4HP Ac	1HP Ac	1HP Ac		
Motor Speed		1450rpm/1750rpm	1750rpm	1450rpm/1750rpm	1750rpm		
Maximal Current		4A	8A	5A	10A		
Compressor		无油润滑、风冷、活塞式Oil-Less. Air-Cooled. Piston Style					
Automatic Safety Shut-Off		38.5bar/3850kPa (559psi)					
Operating Temperature		0℃ ~40℃					
Refrigerant Recovery Rate kg/min		Category III	Category IV	Category V	CategoryIII	Category IV	Category V
	Vapor	0.2	0.25	0.25	0.4	0.5	0.5
	Liquid	1.6	1.8	2.2	3	3.5	3.5
	Push/Pull	4.6	5.6	6.3	7.5	8.5	9.5
Dimensions		465x225x360mm			465x225x360mm		
Weight		15.5kg			16.8kg		



TESTING MANIFOLD



1.The exterior of the pressure gauge is designed with high-performance cushioning material and anti-slipstrips ,practical and beautiful.



2.Three-layer structure inside and outside the pressure gauge,truly three-stage buffer to avoid damage when falling.



3.High precision pressure gauge with class 1.6 accuracy.



4.High-intensity rotating structure design and easy-to-recognize rotating logo,more intuitive and convenient for use.



5.One-piece design that ensures the beauty of harmony.



6.The valve body is processed by high precision machine, which ensures the accuracy of each connection seal and beautiful appearance.



Technical data					
Model	IMG-2-R410A-A4214	IMG-2-R32-A3441	IMG-2-R410a-B	IMG-2-R32-B	IMG-2-R134a-B
Refrigerants scale	R410a,R22,R134a,R407C	R32,R407C,R410a,R134a	R32,R407C,R410a,R134a	R32,R407C,R410a,R134a	R32,R407C,R410a,R134a
Optional Components	Defaulted Components				
Pressure Gauge	0~800psi;-30~500psi	0~800psi;-30~500psi	0~800psi;-30~500psi	0~800psi;-30~500psi	0~400psi;-30~140psi
Charging Hose	Red&Blue:1/4"-5/16", 2x1pc, Yellow:1/4"-1/4",	Red&Blue:1/4"-5/16", 2x1pc, Yellow:1/4"-1/4",	Red&Blue:1/4"-5/16", 2x1pc, Yellow:1/4"-1/4",	Red&Blue:1/4"-5/16", 2x1pc, Yellow:1/4"-1/4",	Red&Blue&Yellow:1/4"-1/4",
Package	Blister packing	Blister packing	Blister packing	Blister packing	Blister packing



Refrigeration Scale



IRS-800

Molded with aeronautical aluminum alloy,not deform in long-term use. Embedded design for the bottom of the scale,with hand-held device placed inside. Rubber corner armors prevent external shock.It's your first choice of high performance scale.

Max capacity:100kg
Accuracy:±0.05%rdg+10g
Resolution:5g
Product size:271*271*74mm

Power supply:5 AAA batteries
Operating temperature:-10℃~40℃
storage temperature:-15℃~50℃



IRS-810

Free of coil cord,real-time view and control via mobile APP,much more flexible and convenient for use.

Max capacity:100kg
Accuracy:±0.05%rdg+10g
Resolution:5g
Storage temperature:-15℃~50℃

Power supply:handle device:5 AAA batteries
scale body:5 AA batteries
Operating temperature:-10℃~40℃
Product size:271*271*74mm

Add functions of charge,recover,lock,repeat,etc.Directly set values. Via buttons,automatically control charging and recovery process.Charge valve adopts direct-pilot self-holding solenoid valve.High withstand voltage, low power consumption,long battery life.

Max capacity:100kg
Accuracy:±0.05%rdg+10g
Resolution:5g
Product size:271*271*74mm

Power supply:5 AAA batteries
Operating temperature:-10℃~40℃
storage temperature:-15℃~50℃



IRS-820

Free of coil,real-time view and control via mobile APP, real-time control in charging and recovery process,easy operation.

Max capacity:100kg
Accuracy:±0.05%rdg+10g
Resolution:5g
Storage temperature:-15℃~50℃

Power supply:handle device:5 AAA batteries
scale body:5 AA batteries
Operating temperature:-10℃~40℃
Product size:271*271*74mm



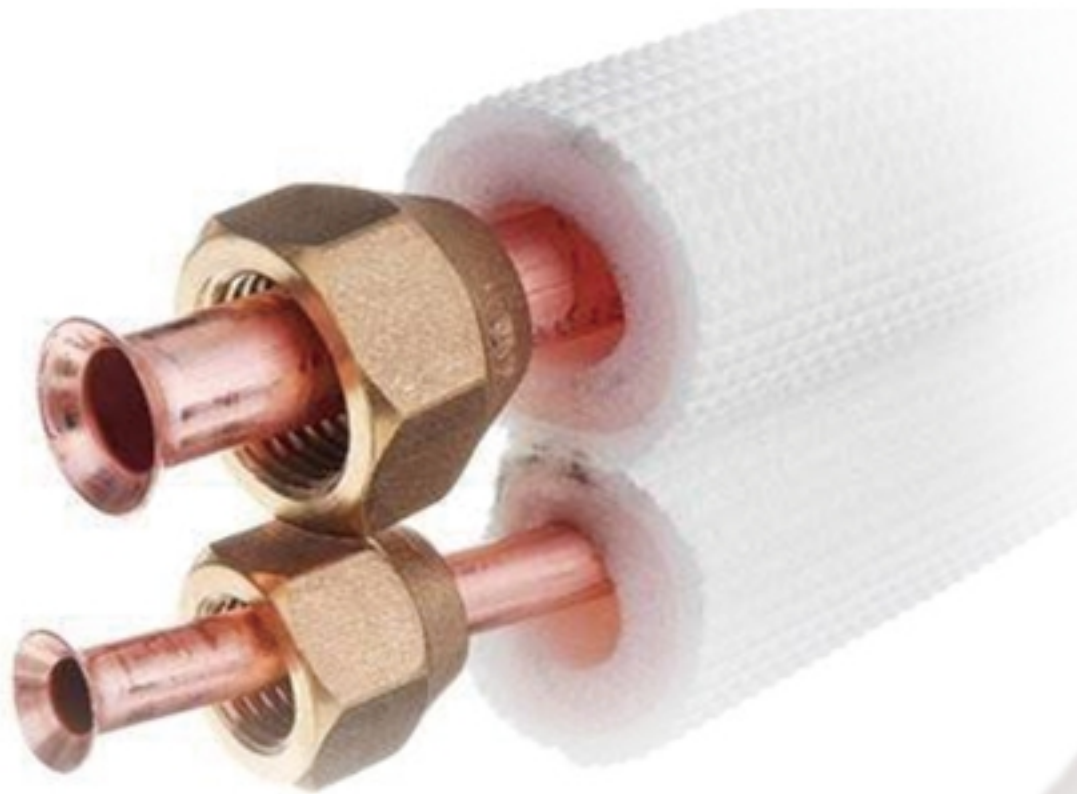
IRS-821



Pipe Tools



Accurate Flaring.
Exquisite Workman Ship.



Model	Description	
ICT-N806AM-L	CT-N806AM+CT-532+CT-207	For inch and metric:1/4", 5/16", 3/8", 1/2", 5/8", 3/4" &6mm,8mm,10mm,12mm,16mm,19mm O.D.Tubing.
ICT-N808AM-L	CT-N808AM+CT-532+CT-207	For inch and metric:3/16",1/4", 5/16", 3/8", 1/2", 5/8", 3/4" &5mm,6mm,8mm,10mm,12mm,16mm,19mm O.D.Tubing.



Model	Description
ICT-N806A	For inch:1/4", 5/16", 3/8", 1/2", 5/8", 3/4"O.D.Tubing.
ICT-N806M	For metric:6mm,8mm,10mm,12mm,16mm,19mm O.D.Tubing.
ICT-N808A	For inch:3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"O.D.Tubing.
ICT-N808M	For metric:5mm,6mm,8mm,10mm,12mm,16mm,19mm O.D.Tubing.
ICT-N809AM	For inch and metric:1/4",6mm, 3/8", 9mm,1/2", 10mm,12mm,1/2", 5/8", 16mm&3/4"19mm O.D.Tubing.



Pipe Tools

Tube Cutter



Performance
High-performance bearings
High-performance bearings are used in both the roller and blade, so the cutter turns easily with only slight force even with the cutting load applied.

Ideal for copper or thin wall stainless steel pipes
the blade allows you to use the cutter for cutting thin-walled stainless steel pipes and, polyethylene (PE) pipes. (Replacement blades sold separately).

Improved cutting performance
The use of ball bearings not only reduces cutting resistance but also dramatically improves cutting accuracy, the most important factor determining the quality of the finished cut.



Model	ICT-319	ICT-428	ICT-532	ICT-650	ICT-670
Tube O.D.	1/8"~3/4" (3-19mm)	3/16"~1-1/8" (4-28mm)	3/16"~1-1/4" (4-32mm)	1/4"~2" (5-50mm)	1/4"~2-3/4" (6-70mm)



ICT-201
Pinch-off-plier
Size:≤ 6mm



ICT-23
Tube expander
1/4", 5/16", 3/8", 1/2", 5/8"
3/4", 7/8"&6,8,9,10,12,16,19,
22mm.



ICT-122/ICT-122B/ICT-122L
Ratchet Wrench
3/16", 1/4", 5/16", 3/8"



ICT-1104
Capillary Tube Cutter
0.1~3.0mm



ICT-209B
Tube reamer
Size:5~40mm (3/16" ~1-5/8")



ICT-102-L
Spring tube bender
Size:1/4", 5/16", 3/8", 1/2",
5/8".



Handle Torch

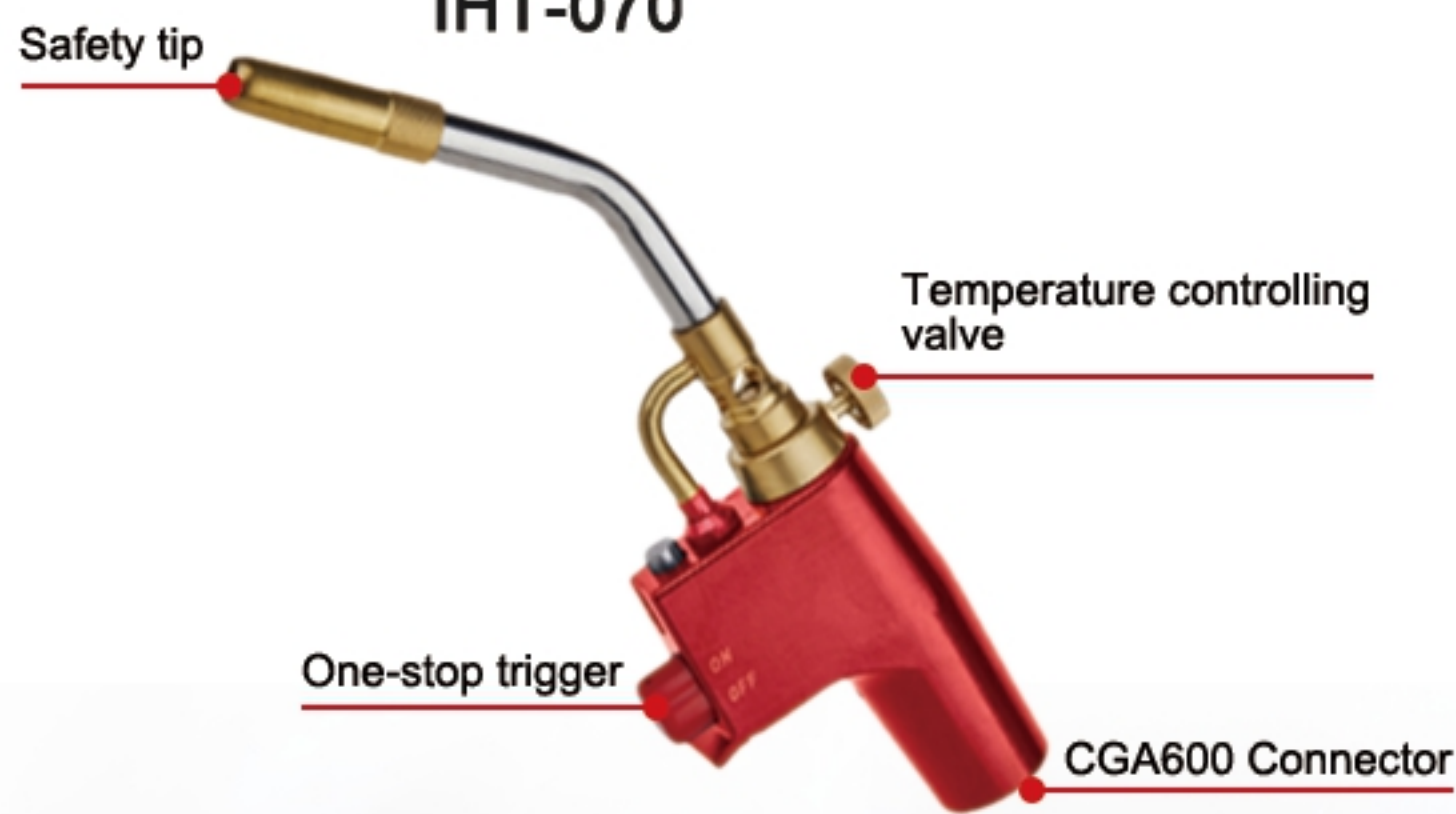
IHT-020



PRODUCT DESCRIPTION

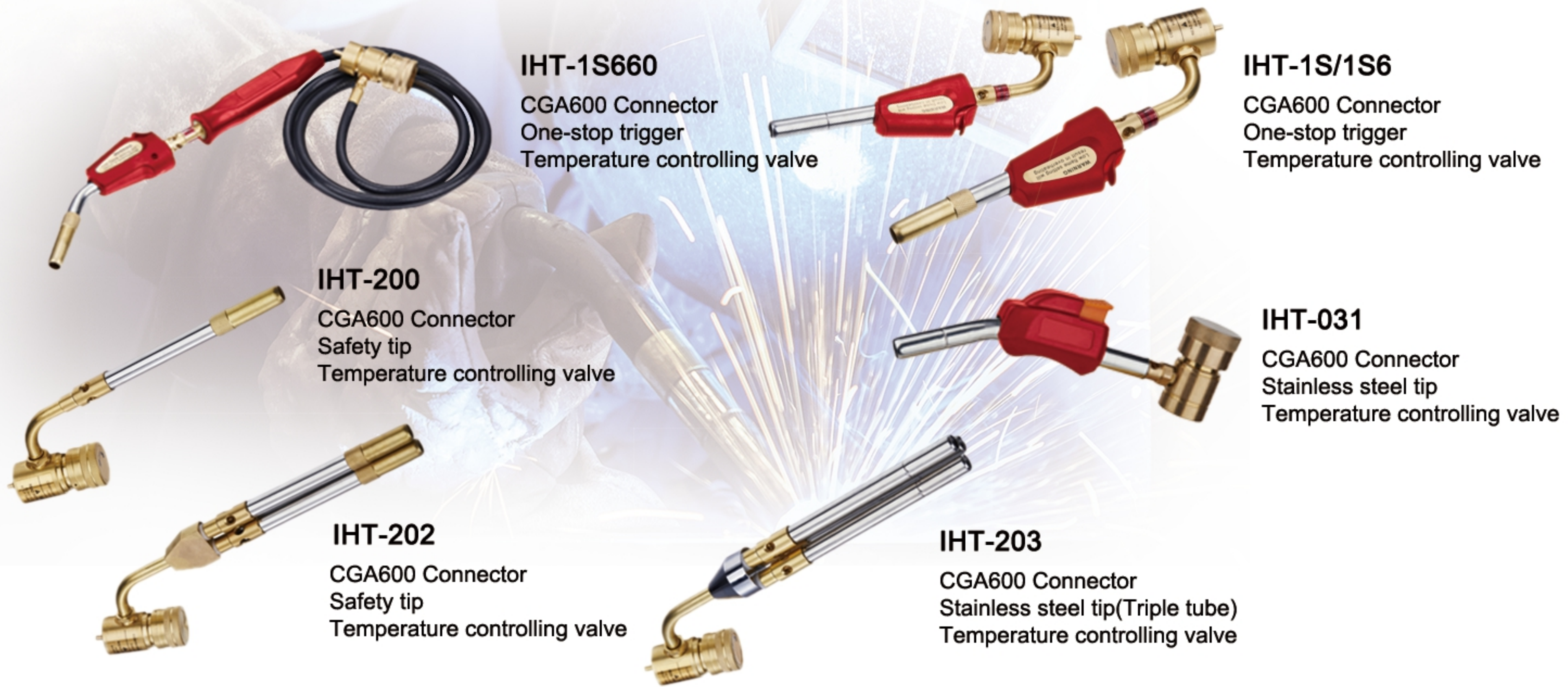
- 1.For soldering and brazing.Applicating in HVAC and plumbing.
- 2.Temperature can reach 1650°C.
- 3.360°rotation of torch tube is capable for various using environment.
- 4.The continuous working time of cylinder can reach 160 mins.
- 5.Suited for 14.1-16Oz cylinder,connection of CGA600.

IHT-070



PRODUCT DESCRIPTION

- 1.For soldering and brazing.Applicating in HVAC and plumbing.
- 2.Temperature can reach 1650°C.
- 3.The continuous working time of cylinder can reach 160mins.
- 4.Suited for 14.1-16Oz cylinder,connection of CGA600.



IHT-1S660

- CGA600 Connector
- One-stop trigger
- Temperature controlling valve

IHT-1S/1S6

- CGA600 Connector
- One-stop trigger
- Temperature controlling valve

IHT-200

- CGA600 Connector
- Safety tip
- Temperature controlling valve

IHT-031

- CGA600 Connector
- Stainless steel tip
- Temperature controlling valve

IHT-202

- CGA600 Connector
- Safety tip
- Temperature controlling valve

IHT-203

- CGA600 Connector
- Stainless steel tip(Triple tube)
- Temperature controlling valve