

ACR INSTRUMENTS & TOOLS CATALOG



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**REFRIGERANT
RECOVERY UNIT**

1



IRR24M



Features

- Small size and light weight
- Digital display large screen
- DC brushless motor
- Can be used for R32 refrigerant
- Oil free dual cylinder compressor
- Self cleaning function
- High precision digital pressure sensor



REFRIGERANT RECOVERY UNIT TECHNICAL PARAMETER

Model		IRR24M		
Compatible Refrigerant		Category III: R12, R134a, R401C, R406A, R500, 1234YF Category IV: R22, R401A, R401B, R402B, R407C, R407D, R408A, R409A, R502, R509 Category V: R402A, R404A, R407A, R407B, R410A, R507, R32		
Power Supply		220~240V/50Hz		110~120V/60Hz
Max. Current		6A		12A
Motor Power		Brushless DC Motor 1 HP		
Speed		3000RPM		
Compression Engine		Oil-less, Air-cooled, Piston		
High Voltage Protection (Rated Value)		38.5bar/3850kPa(558psi)		
Operating Temperature		0°C~ 40°C		
Refrigerant Recovery Rate kg/min		Category III	Category IV	Category V
	Vapor	0.43	0.54	0.54
	Liquid	3.36	4.00	4.20
	Push/Pull	7.50	8.50	9.50
Dimensions		368X250X297mm		
Weight		10.75kg		

IRR12/24L

Features

- Oil-free compressor recovers vapor and all kinds of liquid refrigerants
- Self-purge function to clean up the remaining refrigerants in the machine
- Low pressure protection, automatic stop. High pressure protection with cut-off switch



01

Model	RR12L(R32)	RR24L(R32)
Compatible Refrigerant	II: R12, R134a, R401C ,R406A, R500, 1234YF IV: R407D, R408A, R409A, R411A, R411B, R412A, R502, R509, R22, R401A, R401B, R402B, R407C, V: R402A, R404A, R407A, R407B, R410A, R507, R32	
Power Supply	220-240VAC/50-60Hz 110-120VAC/60Hz	
Motor Power (HP)	3/4	1
Compressor	Oil-free, Piston style,Air cooled	Oil-free, Piston style,Air cooled
High Pressure Shut-Off	38.5 bar/3850 kPa(558 psi)	38.5 bar/3850 kPa(558 psi)
Operating Temperature	0°C~40°C /32°F~104°F	0°C~40°C /32°F~104°F
Recovery Rate	Vapor: 0.26 kg/min Liquid: 1.85 kg/min/min Push/Pull: 6.22 kg/min	Vapor: 0.52kg/min Liquid: 3.70 kg/min Push/Pull: 9.95 kg/min
Dimensions(mm)	418x250x345	418x250x345
Weight (Kg)	14	15

IRR 250/500

Features

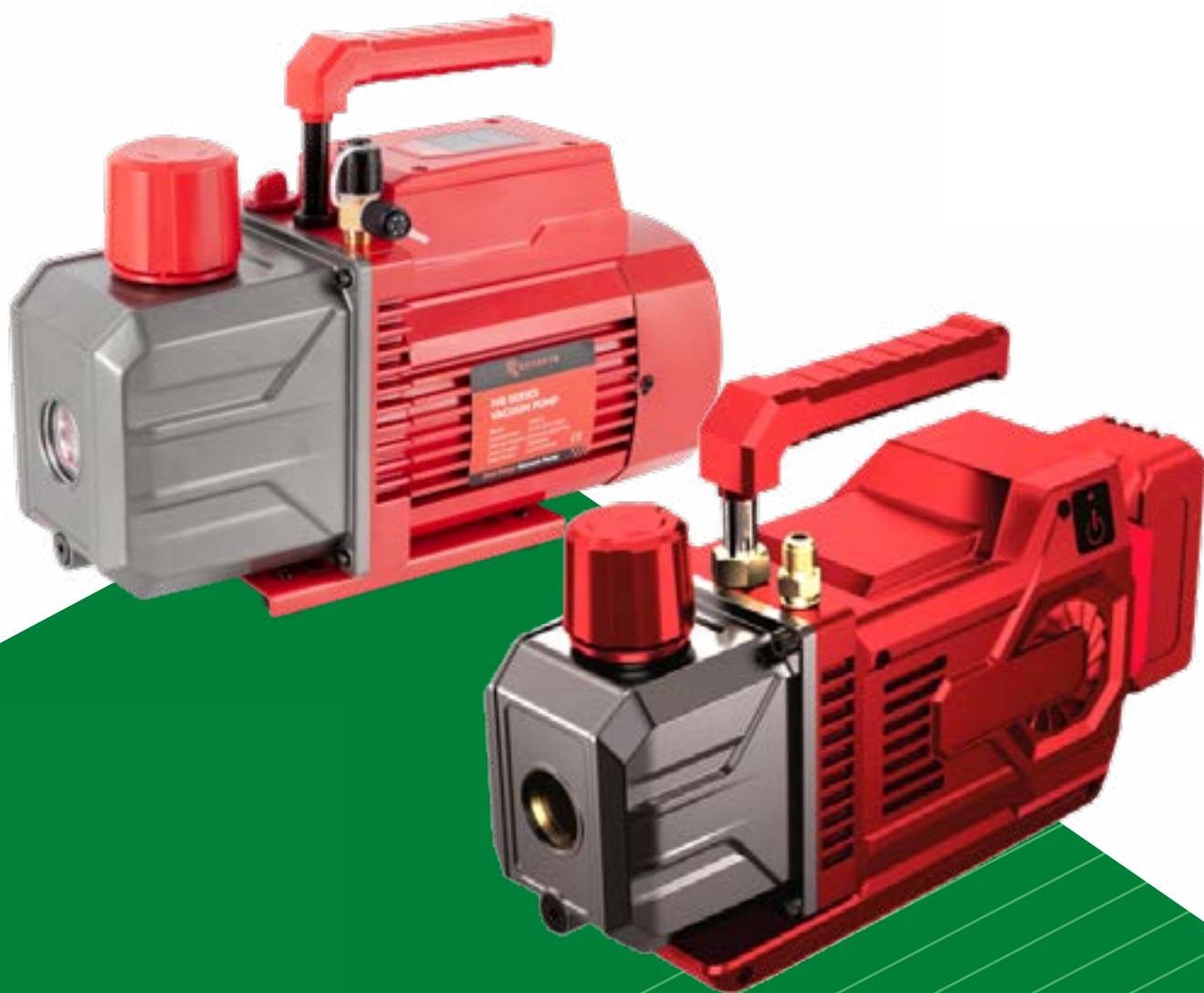
- Oil-free compressor recovers vapor and all kinds of liquid refrigerants
- Self-purge function to clean up the remaining refrigerants in the machine
- Low pressure protection, automatic stop
- High pressure protection with cut-off switch



Model		IR250 (IRR250S) / IRR500 (IRR500S)					
Refrigerant	Category III: R12, R134a, R401C, R406A, R500,1234YF Category IV: R22, R401A, R401B, R402B, R407C, R407D, R408A, R409A, R411A, R411B, R412A, R502, R509 Category V: R402A, R404A, R407A, R407B, R410A, R507,R32						
Power Supply	220~240V/50Hz	110~120V/60Hz		220~240V/50Hz	110~120V/60Hz		
Motor	3/4HP,single cylinder system			1HP,a twin cylinder system			
Motor Speed	1450rpm@50Hz	1750rpm@60Hz		1450rpm@50Hz	1750rpm@60Hz		
Compressor	Oil-less, Air-cooled, Piston			Oil-less, Air-cooled, Piston			
High Pressure Shut-off	38.5 bar/3850kPa(558psi)			38.5 bar/3850kPa(558psi)			
Recovery Rate		Category III	Category IV	Category V	Category III	Category IV	Category V
	Vapor	0.20kg/min	0.25kg/min	0.25kg/min	0.40kg/min	0.50kg/min	0.50kg/min
	Liquid	1.60kg/min	1.80kg/min	2.20kg/min	3.0kg/min	3.50kg/min	3.50kg/min
	Push/Pull	4.60kg/min	5.60kg/min	6.30kg/min	7.50kg/min	8.50kg/min	9.50kg/min
Operating Temperature	0°C~40°C/32~104°F			0°C~40°C/32~104°F			
Dimensions	400mm(L)x250mm(W)x 360mm(H)			400mm(L)x250mm(W)x360mm(H)			
Net Weight	13.5kg			14.5kg			

VACCUM
PUMP

2



VB R32 Series

Features

- Integrated body structure, High precision, High ultimate vacuum, faster pumping speed
- High quality exhaust / oil refill cap reduces oil mist effectively
- Soft rubber lined handle, comfortable to carry and use
- Unique and elegant appearance with square-shaped pump casing



1 Stage Vacuum Pump

MODEL	ISVB-1	IVB-1	IVB-1.5	IVB-2	IVB-3	IVB-4	IVB-6
Rated power supply	220~240V-50Hz/110~120V-60Hz						
Flow Rate (CFM)	1.5/1.8	2/2.4	3/3.6	4/4.8	6/7.2	8/9.6	12/14.4
50/60HZ L/min	42/50	56/68	85/100	113/135	170/203	226/270	340/407
Ultimate Vacuum (Pa)	2	2	2	2	2	2	2
Power (w)	150	180	180	250	370	550	750
Motor Power(HP)	1/5	1/4	1/4	1/3	1/2	3/4	1
Dimensions(mm)	252×104×207	281×123×230	281×123×230	305×123×230	332×129×242	383×138×255	383×138×255
Oil Capacity(ml)	210	330	330	330	500	830	660
Weight(kg)	4.5	5.3	5.8	7.5	9.3	14	14

2 Stage Vacuum Pump

MODEL	2SVB-1	2IVB -1	2IVB -1.5	2IVB -2	2IVB -3	2IVB -4	2IVB -6
Rated power supply	220~240V-50Hz/110~120V-60Hz						
Flow Rate (CFM)	1.5/1.8	2/2.4	3/3.6	4/4.8	6/7.2	8/9.6	12/14.4
50/60HZ L/min	42/50	56/68	85/100	113/135	170/203	226/270	340/407
Ultimate Vacuum (Pa)	2×10^{-1}	2×10^{-1}	2×10^{-1}	2×10^{-1}	2×10^{-1}	2×10^{-1}	2×10^{-1}
Power (w)	200	250	370	370	550	750	1100
Motor Power(HP)	1/3	1/3	1/2	1/2	3/4	1	1 1/2
Dimensions(mm)	305×123×230	305×123×230	332×129×242	332×129×242	332×129×242	383×138×255	383×138×255
Oil Capacity(ml)	330	330	500	500	500	660	660
Weight(kg)	8	8	8.3	10	10.7	15.7	15.7

Features

- **Equipment Usage:** The VI brushless series rotary vane vacuum pump is the basic equipment for obtaining vacuum by pumping gas out of the sealed container.
- **Applicable Industries:** It is suitable for industries such as refrigeration maintenance (including various refrigerants like R12, R22, R134a, etc.), printing machinery, vacuum packaging, gas analysis, and thermoplastic molding.
- **Additional Usage:** It can also be used as the forepump of all kinds of high-vacuum equipment.



VI Series Vacuum Pump(1 stage)

MODEL	VI-1DLi	VI-1.5DLi	VI-2DLi	VI-3DLi
Flow Rate(CFM)	2	3	4	6
Ultimate Vacuum (Pa)	2	2	2	2
Power (w)	150	180	250	370
Inlet Port	1/4"Flare	1/4"&3/8"Flare	1/4"&3/8"Flare	1/4"&3/8"Flare
Dimensions(mm)	274x92x196	364x118x283	364x118x283	364x118x283
Oil capacity	250ml	330ml	330ml	250ml

VI Series Vacuum Pump(2 stage)

MODEL	2VI-1DLi	2VI-1.5DLi	2VI-2DLi	2VI-3DLi
Flow Rate(CFM)	2	3	4	6
Ultimate Vacuum (Pa)	2×10^{-1}	2×10^{-1}	2×10^{-1}	2×10^{-1}
Power (w)	200	370	370	550
Inlet Port	1/4"Flare	1/4"&3/8"Flare	1/4"&3/8"Flare	1/4"&3/8"Flare
Dimensions(mm)	274x92x196	364x118x283	364x118x283	364x118x283
Oil capacity	200ml	330ml	500ml	500ml

REFRIGERANT TOOLS

3





Refrigeration Scale

Features

- Large screen display (power, scale stability status, auto shutdown status, etc.)
- Provides 3 types of unit selection modes LB+OZ, KG+G, LB
- Integrated die-casting aluminum alloy body, stable and durable
- Integrated TPU anti-collision and anti-slip protective cover, double upgrade of quality and texture
- High bright backlight display, no fear of dark environment
- Easy to carry on both sides of the back of the scale
- Handle hook design for easy use.



IRS-620

Model	IRS620	IRS620H
Max capacity	100kg/220lb	50kg/110lb
Resolution	5g/0.2oz	2g/0.2oz
Accuracy	±0.05% rdg+10g	±0.05% rdg+5g
Power supply	6xAAA batteries	
Operating temperature	-10°C~40°C/14°F~104°F	
Storage temperature	-15°C~50°C/5°F~122°F	
Overall size	270x270x70mm/10.62x10.62x2.75inch	



IRS-620H

Features

- 12 digital keys, large screen display, arbitrary setting of fill weight, and alarm prompt when fill reaches preset value.
- Customizable fill and recovery values
- One-piece die-casting aluminum body, stable and durable
- Integrated TPU anti-collision and anti-slip protection cover, quality and texture upgrade
- High bright backlight display, fearless of dark environment
- Easy to carry on both sides of the back of the scale
- Handle hook design for easy use

Features

- Precise dosing filling and recovery fast and convenient
- Solenoid valve automatically controls filling and recovery
- Maximum working pressure of solenoid valve is 3.5MPa
- The solenoid valve can be started and closed individually for air venting



IRS-620V



IRS-620C

Model	IRS620C/IRS620V
Max capacity	100kg/220lb
Resolution	5g/0.2oz
Accuracy	±0.05% rdg+10g
Charge valve	NO
Power supply	6xAAA batteries
Operating temperature	-10°C~40°C/14°F~104°F
Overall size	270x270x70mm/10.62x10.62x2.75inch

Refrigeration Scale

Features

- High accuracy and large capacity
- High visibility LCD display
- Anti-slip rubber platform
- Five units options:kg,Lbs,oz,kg&g,lbs&oz.
- Display the power status in real time
- Power-saving mode can be turned on or off.
- Overload alarm



Model	IRCS-300/IRCS-300C
Max capacity	100kg
Accuracy	+0.05% rdg+10g
Resolution	5g
Power supply	6LR61 9V battery
Operating temperature	-10°C~40°C
Storage temperature	-15°C~50°C
Product size	230*230*70mm/9*9*2.8 inch



Features

- High accuracy and resolution
- Programmable controller,quantitative charging and recovering
- Memory of the last setting,quick start
- Four units options:kg,Lbs,oz,lbs&oz
- Display the power status in real time
- Power-saving mode can be turned on or off
- Overload alarm
- Precise dosing filling and recovery fast and convenient
- Solenoid valve automatically controls filling and recovery
- Maximum working pressure of solenoid valve is 3.5MPa
- The solenoid valve can be started and closed individually for air venting



Model	IRCS-300/IRCS-300C
Max capacity	100kg
Accuracy	+0.05% rdg+10g
Resolution	5g
Power supply	6LR61 9V battery
Operating temperature	-10°C~50°C
Storage temperature	-15°C~50°C
Max working pressure	600 Psi
IN/OUT fittings	1/4 SAE male
Product size	230*230*70mm/9*9*2.8 inch

Manifold Gauge



Features

- The exterior of the pressure gauge is crafted with high-performance cushioning materials and anti-slip strips, combining practicality with an aesthetic appeal.
- Inside and outside, the pressure gauge features a three-layer structure, which truly provides a three-stage buffering mechanism to prevent damage in case of a fall.
- It is a high-precision pressure gauge with an accuracy class of 1.6.
- The high-intensity rotational structure is designed to offer a more intuitive and durable user experience.
- With an integrated one-piece design, it ensures a harmonious and visually pleasing appearance.
- The valve body is machined by high-precision machinery, guaranteeing the accuracy of each connection seal as well as a beautiful exterior.

Model	IMG-2-R410A-A4214	IMG-2-R32-A3441	IMG-2-R600-A662	IMG-2-R32	IMG-2-1234yf
Refrigerants scale	R410a,R22,R134a,R407C	R32,R407C,R410a,R134a	R600/R600a/R290	R32	1234yf
Pressure Gauge	0~800psi;30~500psi	0~800psi;30~500psi	-30~435psi;30~130psi	0~800psi;30~500psi	0~400psi;30~130psi
Charging Hose	"Red&Blue:1/4"-5/16", 2x1pc, Yellow:1/4"- 1/4",1pc"	Red&Blue:1/4"-5/16", 2x1pc, Yellow:1/4"-1/4",1pc	Red&Blue&Yellow:1/4"- 1/4",3x1 pc	Red&Blue:1/4"-5/16", 2x1pc, Yellow:1/4"- 1/4",1pc	Red&Blue:M12x1.5- M12x1.5,2x1pc, Yellow:M 12x1.5-1/2"Acme,1pc
Package	Blister packing	Blister packing	Blister packing	Blister packing	Blister packing

Testing Manifold



Features

- The exterior of the pressure gauge is designed with a high-quality anti-vibration sleeve to enhance the anti-vibration performance of the pressure gauge to the greatest extent.
- It is a high-precision pressure gauge with an accuracy of class 1.6.
- The valve body is made through high-quality forging craftsmanship, which not only strengthens the valve body but also effectively prevents the problem of valve body leakage.

Model	IMG-A536-G-R410a	IMG-A536-G-R32	IMG-A536-G-1234yf	IMG-A536-G-R600	IMG-A536-G-R22
Refrigerants scale	R410a,R22,R134a,R407c	R32,R407c,R410a,R134a	1234yf	R600,R600a,R290	R22,R407c, R404a, R134a
Pressure Gauge	0~800psi;-30~500psi	0~800psi;-30~500psi	0~400psi;-30~130psi	-30~435psi;-30~130psi	0~400psi;-30~140psi
Charging Hose	Red&Blue:1/4"-5/16", 2x1pc, Yellow:1/4"-1/4", 1pcs	Red&Blue:1/4"-5/16", 2x1pc, Yellow:1/4"-1/4", 1pcs	Red&Blue:M12x1.5- M12x1.5,2x1pc, Yellow:M12 x1.5-1/2"Acme, 1pc	Red&Blue&Yellow:1/4"- 1/4", 3x1 pc	Red&Blue&Yellow:1/4"- 1/4", 3x1 pc
Package	Blister packing	Blister packing	Blister packing	Blister packing	Blister packing

Digital Refrigerant Pressure Gauge - 100series



MG-100B



MG-100



MG-100A

Features

- Extra-large LCD Screen
- Integrated protection design ensures comprehensive safeguarding.
- Quickly search for common refrigerants with ease.
- A2L Flammable Refrigerant Warning Reminder keeps you alerted.
- Boasts an overload capacity within a 2x range (up to 10 Mpa).
- Thoughtful key function design for the zero-order menu.
- Pressure-holding leak test function with precise temperature compensation for accurate results.
- APO function automatically detects the device's idle state and actively powers off to save energy.

Model	IMG-100/IMG-100A/IMG-100B
Pressure measurement range	-14.5-500psi/-14.5-800psi
Pressure display resolution	0.5psi
Pressure measurement accuracy	±0.5%FS
Pressure Unit	psi, bar, kg/cm, inHg, kPa, MPa
Temperature measurement range	-50°C~150°C
Temperature display resolution	0.1°C
Temperature measurement accuracy	±0.5°C
Temperature Unit	°C, °F
Operating temperature and humidity	-10~50; 35%~85%RH
Battery life	6months
Battery	3#AAA
2 channels	Red, Blue
Maximum working pressure	800 psi
Refrigerant	88 types

Digital Refrigerant Pressure Gauge - 10series



IMG-10

Features

- **Compact Design:** It features a mini and portable design, making it extremely easy to carry around.
- **Functionality:** It completely replaces all the functions of a mechanical dual gauge. Moreover, it additionally offers leak test and vacuum measurement functions, thus being more versatile.
- **Higher Precision:** Thanks to advanced ceramic sensors and digitizing technology, the MG-10 can effortlessly surpass traditional mechanical gauges in measurement accuracy.
- **Sturdy and Drop-proof:** Even if the instrument is accidentally dropped during use, it will not have any impact on the measurement accuracy or its normal functioning at all.
- **2 Times Overpressure Range:** It can endure more than twice the rated range of pressure without causing any damage to the sensor. So, there's no need to worry about the "hit the needle" problem.

Model	IMG-10
Measurement range	-14.5-500psi/-14.5-800psi
Pressure display resolution	0.5psi
Pressure measurement accuracy	±0.5%FS
Pressure Unit	psi, bar, kg/cm, inHg, kPa, MPa
Operating temperature and humidity	-10~50; 35%~85%RH
Battery life	6months
Battery	3#AAA
2 channels	Red; Blue
Maximum working pressure	800 psi
Refrigerant	88 types
Battery	3#AAA
2 channels	Red, Blue
Maximum working pressure	800 psi
Refrigerant	88 types

Charging Hose



Features

- Excellent flexibility for easy handling.
- Various length specifications to choose from.
- Different pipe diameter sizes for proper adaptation.
- Crafted from high-quality materials, ensuring durability and resistance to damage.
- Compatible interfaces facilitating convenient connection.
- Superior sealing with clear markings.

Length	Working Pressure /Burst		
	500PSI/2500PSI	600PSI/3000PSI	800PSI/4000PSI
36"	CT-336RYB	CT-336ARYB	CT-336HRYB
60"	CT-360RYB	CT-360ARYB	CT-360HRYB
72"	CT-372RYB	CT-372ARYB	CT-372HRYB
90"	CT-396RYB	CT-396ARYB	CT-396HRYB

Quick Coupler



Features

- Quick and easy connection for efficient operation.
- High compatibility with various devices or components.
- Durable construction to ensure long-term reliable use.

Model	Product name	Description
IQC-H	R134a Quick coupler	High pressure(red)1/4" SAE&M14x1.5
IQC-L		Low pressure(blue)1/4" SAE&M14x1.5
IQC-HC	R134a Adjustable quick coupler	High pressure(Red)1/4" SAE&M14x1.5
IQC-LC		High pressure(Blue)1/4" SAE&M14x1.5

Refrigerant Leak Detector-LRD SERIES

Features

- Semiconductor sensor, long life, stable and reliable
- 2g/year
- Digital indication of leak size, 7-level display (RLD-100), 9-level display (RLD-200/300)
- LED alarm light probe for more accurate leak location (this feature is available for RLD-200/300 models)
- 2 bright LED inspection lamps, 3 LED UV lamps with wavelengths of 395~415nm best suited for A/C dye fluorescence (RLD-300 only)
- Silent mode
- speed sensitivity adjustment
- Low battery indicator
- Operating temperature: -10°C~50°C
- Humidity (40%~85%RH)
- Storage temperature: -20°C~60°C
- CE certification
- Uses 4 AA alkaline batteries
- Conforms to SAE_J1627, EN14624 standards



Model	RLD-100	RLD-200	RLD-300
Sensitivity	3g/year	2g/year	2g/year
Sensor type	Heating Diodes	Heating Diodes	Heating Diodes
Sensor life	About 5 years of regular use	About 5 years of regular use	About 5 years of regular use
Response time	Instantaneous	Instantaneous	Instantaneous
Alarm light	Audible and visual alarm light	LED alarm probe and audible/visual alarm light	LED alarm probe and audible/visual alarm light
Battery	4#AA	4#AA	4#AA
Battery life	Continuous use for 5-6 hours	Continuous use for 5-6 hours	Continuous use for 5-6 hours
Warm-up time	30S	30S	30S
Tube length	43cm	43cm	43cm
Digital display	7-level display	9-level display	9-level display
Product weight	440g (Battery included)	445g (Battery included)	445g (Battery included)
Package	Blow Molded Suitcase	Blow Molded Suitcase	Blow Molded Suitcase
Standardized	SAE_J1627, EN14624	SAE_J1627, EN14624	SAE_J1627, EN14624

Refrigerant Leak Detector- CLASSIC SERIES



WJL6000



HLD-100+

CPU-C

Technical parameters	
Response time	Instantaneous
Maximum sensitivity	Halogen refrigerant, 6gr/yr
Reset time	2-10 seconds
Warm-up time	about 6s
Working temperature	0°C~52°C
Power source	4 x7 batteries(6VDC)
Battery life	about 20 hours
Sensor life	about 25 hours (with the detection of the environment)
Dimension	
Machine size	17.6m x 4.6cm x 5.4cm
Machine weight	220g (Battery included)
Probe length	20cm
Conforms to the CE certification	
Conforms to the SAE J1627, EN14624 standard	

Technical parameters	
Sensor	Corona probe
Detection accuracy	3g/yr
warm-up time	10 seconds
Response time	3 seconds
Recovery time	3 seconds
Reset time	3 seconds
Power supply	2 alkaline batteries
Pump	DC 3V DC motor
Battery life	about 30 hours
Operating temperature	0°C~50°C
Operating humidity	0%~85% RH, no dew
Storage temperature	-20°C~60°C
Alarm indicator	seven red and blue double LED indicator and buzzer for the sound alarm indicator
Dimensions	
Machine size	22.9cm x 6.5cm x 6.5cm
Machine weight	560g
Probe length	36.5cm
Conforms to the CE certification	
Conforms to the SAE J1627, EN14624 standard	



Air Conditioner Cleaner



This product introduces the world's leading air conditioning no-dismantle cleaning technology and specially adds a long-lasting, non-toxic antibacterial agent, strictly manufactured according to production standards. It is a professional-grade car air conditioning cleaner made from natural raw materials, with an environmentally friendly formula that is harmless to the human body.

Key Features

The powerful expanding foam penetrates deep into the air conditioner, directly cleaning and removing dust, oil stains, insect marks, and other debris from the fan and heat exchanger. It effectively eliminates odors, prevents long-term bacterial growth, and leaves a refreshing fragrance. This product helps restore and enhance the cooling performance of the air conditioner, thus saving energy, reducing consumption, extending the air conditioner's service life, and purifying the indoor air quality of vehicles.

Ingredients

The product contains disinfecting active ingredients dissolved in an alcohol-based solution, along with balsamic derivatives that comply with current regulations.

Package

500 ml

PIPE
TOOLS

4



Mini Tube Cutter

CT-127A



CT-127B



CT-128



CT-174



Features

- It can cut copper pipes, titanium pipes, stainless steel pipes and aluminum pipes.
- When cutting, the blade can keep rolling within the same circle.
- The smooth roller has a groove which can firmly hold the defective flare for easy removal.
- The blade is made of GCr15 material, enabling it to cut off pipe fittings accurately and sharply.
- Some models of pipe cutters are equipped with spare blades.

Model	Spec.	Material	Qty/Case	Q.W/N.W(kg)	Carton Size(cm)
CT-127A	1/8"~5/8"(3~16mm)	Zinc alloy	100	12/11	38*32*17
CT-127B	1/8"~5/8"(3~16mm)	Zinc alloy	100	10/9	38*32*17
CT-128	1/8"~7/8"(3-22mm)	Zinc alloy	100	12/11	38*32*17
CT-174	1/8"~1-1/8"(3-28mm)	Aluminum alloy	100	14/13	48*20.5*32



Tube Cutter



CT-105



CT-312



CT-107



CT-216



CT-274

Features

- The precise screw mechanical structure enables flexible feeding.
- When cutting, the blade can keep rolling within the same circle.
- The rotatable chamfering tool is used to remove burrs and sharp edges on the pipes.
- Spare blades are installed inside the knob.
- The groove of the roller can be close to the pipe flare for cutting.



04

Model	Spec.	Material	Qty/Case	Q.W/N.W(kg)	Carton Size(mm)
CT-105	1/8"~1-3/8"(3~35mm)	Aluminum alloy	50	13/12	53*20.5*28
CT-107	1/4"~2"(5~50mm)	Aluminum alloy	50	23/22	63*29.5*34
CT-216	1/4"~2-5/8"(6~67mm)	Aluminum alloy	20	16/15	44*24*23
CT-274	1/8"~1-1/8"(4~28mm)	Aluminum alloy	50	14.5/13.5	53*20.5*28
CT-312	1/4"~1-5/8"(6~42mm)	Aluminum alloy	50	15.5/14.5	53*23.5*30

Speed Tube Cutter



CT-1035



CT-206



CT-1036

Features

- The rapid pipe cutter is equipped with a ratchet structure, which can improve the operation speed.
- The grooved extra-wide roller can better fix the pipe and cut off the flared end.
- There are spare blades available.

Model	Spec.	Material	Qty/Case	Q.W/N.W(kg)	Carton Size(cm)
CT-1035	1/4"~2-1/2"(6~64mm)	Aluminum alloy	50	14.5/13.5	53*20.5*28
CT-1036	1/4"~2"(6~50mm)	Aluminum alloy	50	24/23	63*29.5*34
CT-206	1/4"~2-1/2"(6~64mm)	Aluminum alloy	50	13/12	54*32*22

Bearing Type Tube Cutter



CT-319



CT-428



CT-532



CT-650



CT-670

Features

- Ball bearings make all the difference.
- Achieve excellent cuts with the utmost ease.
- High-quality radial ball bearings empower tube cutters to cut with far less effort compared to any previous models.
- Give them a try and discover just how effortless it is.
- Made of alloy steel, they can even handle the cutting of thin-walled stainless steel pipes.



04

Model	Spec.	Material	Qty/Case	Q.W/N.W(kg)	Carton Size(cm)
CT-319	1/8"~3/4"(3~19mm)	Aluminum alloy	50	8/7	33*23*21
CT-428	3/16"~1-1/8"(4~28mm)	Aluminum alloy	50	11/10	36*29*22
CT-532	3/16"~1-1/4"(4~32mm)	Aluminum alloy	50	19.5/18.5	58*23*42
CT-650	1/4"~2"(5~50mm)	Aluminum alloy	50	27/26	63*27*43
CT-670	1/4"~2-3/4"(6~70mm)	Aluminum alloy	20	23.5/22.5	37*32*44

Auto Cut Tube Cutter



CT-111



CT-112



CT-113



CT-111AL



CT-112AL



CT-113AL

Features

- Can be used in poky space.
- Sultable to cut mass same size copper tube, don't need adjust.
- Can replace blade easily.

04

Model	Spec.	Material	Qty/Case	Q.W/N.W(kg)	Carton Size(cm)
CT-111	1/2" or 15mm	Zinc alloy	48	11.5/10.5	34.5*23.5*28
CT-111AL	1/2" or 15mm	Aluminum alloy	80	11.5/10.5	48*35*23
CT-112	3/4" or 22mm	Zinc alloy	48	13/12	34.5*23.5*28
CT-112AL	3/4" or 22mm	Aluminum alloy	80	12.5/11.5	48*35*23
CT-113	1" or 28mm	Zinc alloy	48	17/16	37*23.5*30
CT-113AL	1" or 28mm	Zinc alloy	48	17/16	37*23.5*30

45° Flaring Tool



CT-103



CT-203



CT-190



CT-195

Features

- Precise 45-degree angle for perfect pipe fittings and leak prevention.
- Durable construction with quality materials to withstand use.
- Easy to use, with an ergonomic handle and simple operation, even for beginners.



04

Model	Spec.	Qty/Case	G. W/N. W(kg)	Carton Size(cm)
CT-190	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" 5,6,8,10,12,14,16mm	20	19/18	27*20*27
CT-195	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" 5,6,8,10,12,14,16mm	20	20/19	27*20*27
CT-103	7/8", 1", 1-1/8" 22, 25, 28mm	10	16/15	31.5*17*14.5
CT-203	5/8", 3/4", 7/8", 1-1/8" 16,19,22,28mm	10	16/15	31.5*17*14.5

Grabber Flaring Tool



CT-505



CT-525



CT-526

Features

- The Grabber Flaring Tool has a mechanism for a secure grip on pipes during flaring.
- It offers adjustable settings to suit different pipe sizes and materials.
- The tool enables efficient flaring, creating high-quality flares quickly and precisely.

Model	Spec.	Qty/Case	G. W/N. W(kg)	Carton Size(cm)
CT-505	3/16", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4"	20	23/22	31.5*22.5*32
CT-525	3/16"~5/8"(5~16mm)	20	16.5/15.5	33*24*16
CT-526	3/16"~3/4"(5~19mm)	20	22/21	27*20*28.5

Expanding Flaring Tool



CT-92A



CT-277 A



CT-275A



CT-278A

Features

- The Expanding Flaring Tool has a dual function of expanding and flaring pipes.
- It offers an adjustable size range to work with various pipe sizes.
- The tool is designed for easy operation, suitable for users with different experience levels.



04

Model	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-92A	Flare: 1/2", 5/8", 3/4"; 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" Swage : (3/16", 1/4", 3/8"); 5/16", 1/2", 5/8", 3/4"	10	23.5/22.5	44*27*23.5
CT-275A	Flare: 1/2", 5/8", 3/4"; 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" Swage : (3/16", 1/4", 3/8"); 5/16", 1/2", 5/8", 3/4"	10	22/21	35*30*25
CT-277	Flare: 1/2", 5/8", 3/4"; 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" Swage : (3/16", 1/4", 3/8"); 5/16", 1/2", 5/8", 3/4" INCLUDE: CT-274	10	20.5/19.5	43*26*25
CT-278	Flare: 1/2", 5/8", 3/4"; 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" Swage : (3/16", 1/4", 3/8"); 5/16", 1/2", 5/8", 3/4" INCLUDE: CT-274&CT-122	10	27/26	40*39*27

45° Eccentric Flaring Tool



CT-806A



CT-808M-L



CT-N806A-D



CT-808AM-F



CT-N806AM-L

Features

- Easy to operate, time and labor-saving.
- The special eccentric rotation gradually expands the pipe interior to form an accurate 45° flared end without slipping. The flared surface is smoother and scratch-free.
- After expansion, the eccentric conical head pops up. Let it rotate back 1 - 2 times for a smoother and more attractive flared end.

Model	Description	Qty/Case
CT-806A	For inch: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D. Tubing, individual packed in color box or plastic case.	10
CT-N806A-D	For inch: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D. Tubing, packed in plastic case.	10
CT-N806AM-L	For inch: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D. Tubing For metric: 6mm, 8mm, 10mm, 12mm, 16mm, 19mm O.D. Tubing, packed in plastic case.	10
CT-808AM-F	For inch: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D. Tubing For metric: 5mm, 6mm, 8mm, 10mm, 12mm, 16mm, 19mm O.D. Tubing, packed in plastic case.	10
CT-808M-L	For metric: 5mm, 6mm, 8mm, 10mm, 12mm, 16mm, 19mm O.D. Tubing, packed in plastic case.	10

Multi Tube Bender



CT-268A



CT-368



CT-369



CT-N369

Features

- Precise Bending: Ensures accurate tube bending for various applications.
- Versatile: Can handle multiple tube sizes and materials.
- Efficient: Saves time and effort during the bending process.



04

Model	Name	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-268A	180° 2-in-1 TUBE BENDER	1/4" & 5/16" O.D Tubing	30	9.5/8.5	37*24.5*38
CT-368	90° 3-in-1 TUBE BENDER	1/4" 5/16", 3/8" 6mm, 8mm, 10mm	20	11/10	36*28*29
CT-369	180° 3-in-1 TUBE BENDER	1/4" 5/16", 3/8" 6mm, 8mm, 10mm	20	10/9	36*28*29
CT-N369	180° 3-in-1 TUBE BENDER (Aluminum alloy)	1/4" 5/16", 3/8" 6mm, 8mm, 10mm	20	11/10	36*30*32

Tube Bender



CT-364-06A



CT-364-08A



CT-364-10



CT-364-12

Features

- Accurate Bending: It ensures highly precise tube bending with consistent results for various applications.
- Adjustable Settings: Comes with adjustable parameters to suit different tube materials, thicknesses and diameters.
- Durable Construction: Built to be durable, resisting wear and tear for long-term use and ensuring operation safety.

Model	Spec.	Bending Radius	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-364-04A	1/4" (6mm)	14.4	20	8.5/7.5	34*27.5*26
CT-364-04M	1/4" (6mm)	14.4	20	8.5/7.5	34*27.5*26
CT-364-05	5/16"(8mm)	17.5	20	8.5/7.5	35*32*26
CT-364-06A	3/8"(10mm)	22.7	12	11.5/10.5	35*32*26
CT-364-06M	3/8"(10mm)	22.7	12	11.5/10.5	35*32*26
CT-364-08A	1/2"(12mm)	37.5	12	20/18	49*37*34
CT-364-08M	1/2"(12mm)	37.5	12	20/18	49*37*34
CT-364-09	14mm	36.5	12	20/19	49*37*34
CT-364-10	5/8"(16mm)	55	8	18.5/17.5	67*35*26
CT-364-12	3/4"(19mm)	75	8	23/22	75*35*30
CT-364-14	7/8"(22mm)	82	8	26.5/25.5	75*35*30

Heavy-Duty Tube Bender



CT-365-06A

Features

- High strength for bending thick tubes.
- Precise angle control for accurate bends.
- Durable build to withstand heavy use.

Model	Spec.	Bending Radius	Qty/Case
CT-365-03A	3/16" (5mm)	14	20
CT-365-03M	3/16" (5mm)	14	20
CT-365-04A	1/4" (6mm)	13.8	20
CT-365-04M	1/4" (6mm)	13.8	20
CT-365-05	5/16" (8mm)	23.5	12
CT-365-06A	3/8" (10mm)	23.2	12
CT-365-06M	3/8" (10mm)	23.2	12
CT-365-08A	1/2" (12mm)	36.3	12
CT-365-08M	1/2" (12mm)	36.3	12
CT-365-09M	14mm	36.6	12
CT-365-15mm	15mm	53.5	8
CT-365-10	5/8" (16mm)	53.5	8
CT-365-11	18mm	71.8	6
CT-365-12	3/4" (19mm)	71.8	6
CT-365-13	20mm	80.8	6
CT-365-14	7/8" (22mm)	80.8	6

90° Multi Bender Kit



CT-999



CT-999RF



CT-999F



Features

- Designed to bend soft copper and coated soft copper of 6mm to 22mm as well as Mepla multilayer pipe up to 22mm. Unique sliding mechanism places formers quickly in correct tube diameter position.

Model	Spec.	Material	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-999	For Inch: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8" O.D. Tubing For Metric: 6mm, 8mm, 10mm, 12mm, 16mm, 19mm, 22mm O.D. Tubing	Fibre wheel	4	16/15	46.5*32*27
CT-999F	For Inch: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8" O.D. Tubing For Metric: 6mm, 8mm, 10mm, 12mm, 16mm, 19mm, 22mm O.D. Tubing	Aluminum alloy wheel	4	17/16	46.5*32*27
CT-999RF	For Inch: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8" O.D. Tubing For Metric: 6mm, 8mm, 10mm, 12mm, 16mm, 19mm, 22mm O.D. Tubing With special reverse direction bending function.	55Aluminum alloy wheel	4	21/20	46.5*34*33

Spring Tube Bender



CT-102-L



Steel Spring Tube Benders
CT-102-L



CT-102



Steel Spring Tubing Benders
CT-102-L

Features

- The Spring Tube Bender offers smooth, flexible bending with precise angle control and adjustable tension, suitable for various tubes.
- It features a compact design, is easy to operate, and has a durable construction for efficient and safe use.
- Being cost-effective, it serves as a great option to meet tube bending needs.



04

Model	Spec.	Qty/Case	G. W/N. W(kg)	Carton Size(cm)
CT-102-L	1/4",5/16",3/8",1/2",5/8"(Length210mm)	50	17/16	40*25*23
CT-102-03	3/16"(Length350mm)	100	7/6	40*23*20
CT-102-04	1/4"(Length350mm)	100	8/7	40*23*20
CT-102-05	5/16"(Length350mm)	100	12/11	40*23*23
CT-102-06	3/8"(Length350mm)	100	15.5/14.5	40*23*23
CT-102-08	1/2"(Length350mm)	75	18/17	40*23*23
CT-102-10	5/8"(Length350mm)	50	17/16	40*23*20
CT-102-12	3/4"(Length350mm)	50	20/19	40*23*23
CT-102-14	7/8"(Length350mm)	50	21/20	40*23*23

Lever Tube Expanding Tool



CT-100



CT-100L

Features

- Hand-operated, single-stage expander is designed to expand tubing for fast, accurate joints in soft copper, aluminium, and soft steel tube without using fittings.
- Free-floating and self-centering expander mechanism.
- Expander segments are made of high-quality hardened steel.

Model	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-100A	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"(10-28mm)	4	16.5/15.5	54*23*28.5
CT-100M	10, 12, 16, 19, 22, 25, 28mm	4	18.5/17.5	44.5*37.5*34
CT-100A-L	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8"(10-42mm)	4	20/19	54*23*28.5
CT-100M-L	10, 12, 16, 19, 22, 25, 28, 32, 35, 38, 42mm	4	22/21	44.5*37.5*34

Hydraulic Tube Expander



CT-300



CT-300L

Features

- Manual hydraulic mechanism designed can expand from 10mm to 42mm O.D. tubing easily with less effort.
- Used for soft copper tube, Aluminum tube, Titanium tube, soft steel and other soft tube.
- Expander segments are made of high -quality hardened steel.



04

Model	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-300A	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"(10-28mm)	4	17/16	46.5*32*27
CT-300M	10, 12, 16, 19, 22, 25, 28mm	4	18.5/17.5	44.5*37.5*34
CT-300AL	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8"(10-42mm)	4	20.5/19.5	46.5*32*27
CT-300M-L	10, 12, 16, 19, 22, 25, 28, 32, 35, 38, 42mm	4	22/21	44.5*37.5*34

Swaging Needle



CT-900S-A



CT-900S-AM

Features

- Precision casting, precise Shaping Capability
- Durable Material Construction
- Flexible Adjustment Design

Model	Spec.	Qty/Case	G.W/N.W	Carton Size
CT-900S-A	1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"(6-22mm)	20	8/7	38.5*20*21.5
CT-900S-AM	1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"(6-22mm)	20	8/7	38.5*20*21.5

Flaring Head



Model	Spec.	Qty/Case	G.W/N.W	Carton Size
CT-900F	1/4", 3/8", 1/2", 5/8", 3/4"(6-19mm)	20	8/7	38.5*20*21.5

Tube Expander



CT-22



CT-23

Features

- Manual Operation Convenience.
- Precise Expansion Capability.
- Adjustable Design Advantage.



04

Model	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-22	3/8", 1/2", 5/8", 3/4", 7/8"(10-22mm)	20	9.5/8.5	45*23*30.5
CT-23	1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"(6-22mm)	20	9.5/8.5	45*23*30.5

Swaging Punch



Features

- Precise Swaging.
- Durable Construction.
- Adjustable Settings.

Model	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-900F	1/4", 5/16", 3/8", 1/2", 5/8"(6-16mm)	40	23.5/22.5	29*21*27

Ratchet Wrench



CT-122



CT-123

Features

- The ratchet wrench is efficient and labor-saving when turning bolts in one direction.
- The head has interchangeable plugs to fit various screws and nuts.
- With its compact shape, it can operate in narrow spaces.



04

Model	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-122	3/16", 1/4", 5/16", 3/8"(5~10mm)	100	12.5/11.5	43*21.5*34
CT-123	3/16", 1/4", 1/2", 9/16"(5-14mm)	100	21/19	48*26.5*34

Spanner For Install&take Down Air Conditioner



Features

- Precise fit for AC nuts and bolts, ensuring smooth operation.
- Durable, made of quality materials for long use.
- Adjustable design to handle various sizes.
- Ergonomic grip reduces hand fatigue.

Model
Spec.
Qty/Case
G.W/N.W(kg)
Carton Size(cm)

CT-122

3/16", 1/4", 5/16", 3/8"(5~10mm)

100

12.5/11.5

43*21.5*34

Deburring Reamer



Features

- It can quickly remove burrs on the edges and in the holes of workpieces, improving processing efficiency.
- It can precisely locate and remove burrs without damaging the main body of the workpieces.
- It is suitable for workpieces made of various materials, such as metals and plastics.
- It is usually simply designed and easy to operate, requiring no complicated training before use.



04

Model	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-207	/	100	5/4	43*23.5*30

Tube Reamer



CT-208



CT-209A



CT-208B



CT-208B

Features

- It can quickly remove burrs on the edges and in the holes of workpieces, improving processing efficiency.
- It can precisely locate and remove burrs without damaging the main body of the workpieces.
- It is suitable for workpieces made of various materials, such as metals and plastics.
- It is usually simply designed and easy to operate, requiring no complicated training before use.

Model	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-208	3/16", 1/4", 5/16", 3/8"(5~40mm)	100	6/5	40*31*34
CT-209A	3/16"~1-1/2"(5~40mm) Zinc Alloy	50	4.5/3.5	32*32*14
CT-209B	3/16"~1-1/2"(5~40mm) ABS Engineering Plastics	100	5/4	40*35*30



CT-501b



CT-502a



CT-503B

Features

- It provides a clear and distortion-free view for careful inspection.
- It can be flexibly adjusted in terms of angle and position to meet different inspection requirements.
- It is usually small in size, convenient to carry and easy to operate.



Model	Name	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-501	Inspect Mirror	Mirror O.D: 32mm Diameter: 8mm Length Closed: 127mm Length Open: 500mm	100	5.5/4.5	48*26.5*34
CT-502	Inspect Mirror	Mirror O.D: 50mm Diameter: 8mm Length Closed: 200mm Length Open: 410mm	100	9.5/8.5	63*29.5*34
CT-503	Pick Up Tools	Length Closed: 126mm Length Open: 637mm	100	4/3	53*20.5*31

Other Tools

Fin Comb



CT-351



CT-352

Capillary Tube Cutter



CT-1104

Pinch-off-plier



CT-201



CT-201B



CT-204

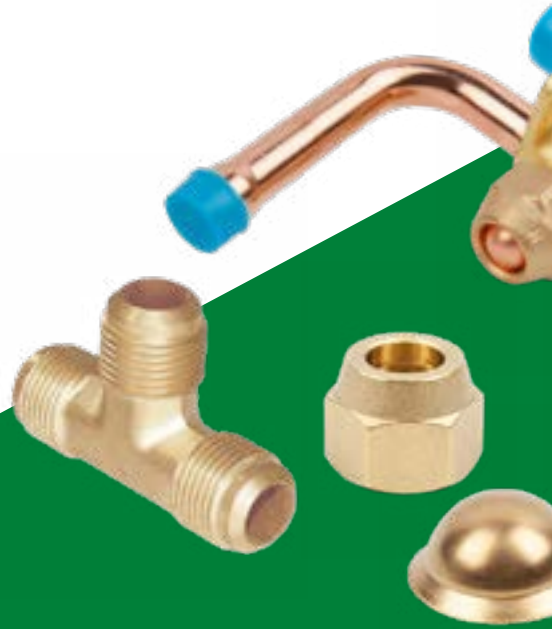


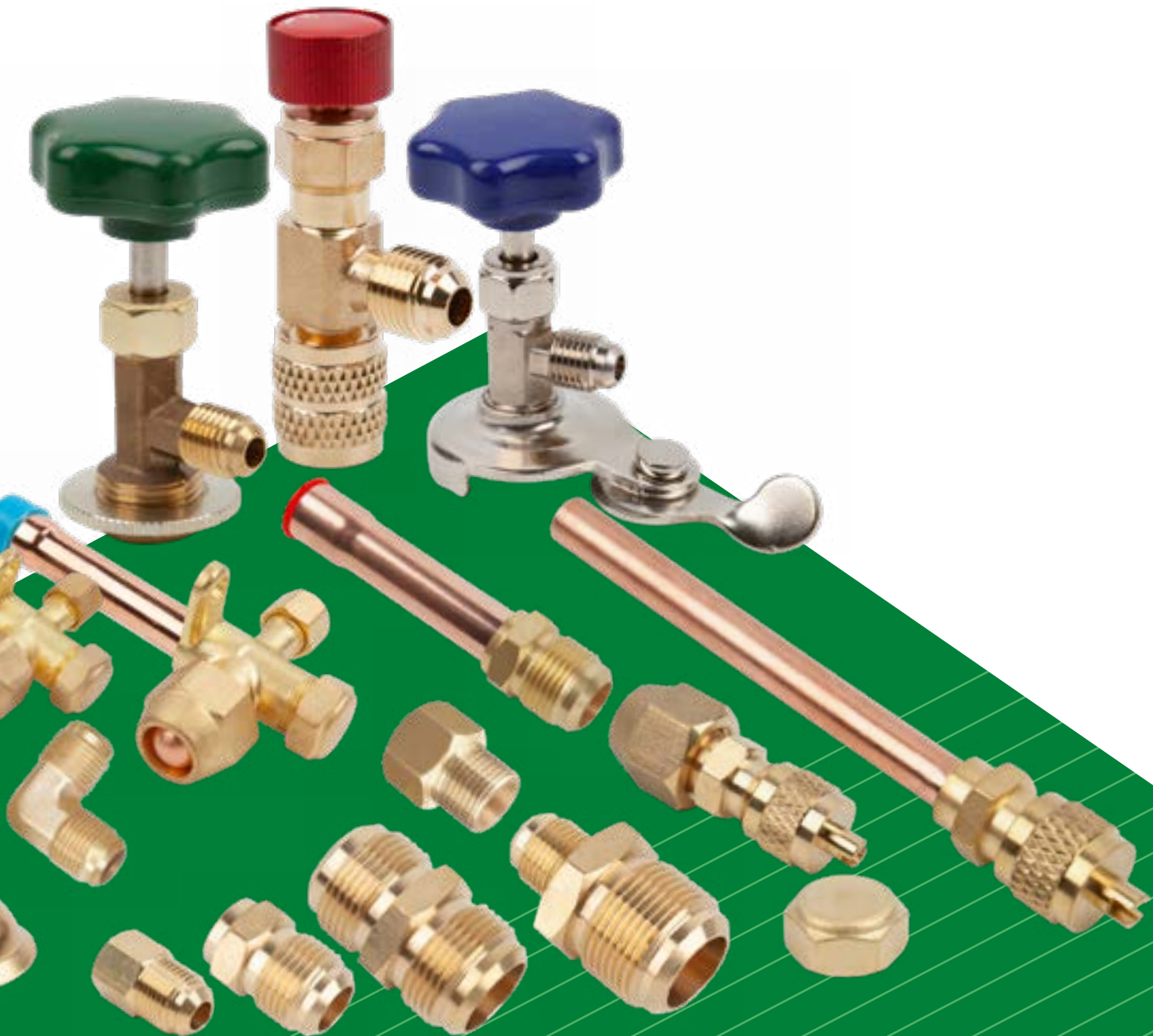
CT-1107

Model	Name	Spec.	Qty/Case	G.W/N.W(kg)	Carton Size(cm)
CT-201	B type Pinch-off-plier	≤6mm	50	17/16	48*26.5*21
CT-201B	B type Pinch-off-plier(with edge)	≤6mm	50	18/17	47*6.5*21
CT-204	93 type Pinch-off-plier	≤10mm	50	21/20	53*20.5*31
CT-351	Fin straightener	8,9,10,12,14,15 pcs/inch	50	7/6	46*23.5*48.5
CT-352	Stainless Steel Fin straightener	/	80	6/5	48*27*30
CT-1104	Capillary Tube Cutter	≤3mm	100	11.5/10.5	53*20.5*31
CT-1107	Capillary Tube Cutter	0.1~3.0mm	100	16/15	53*21.5*32

PIPE & VALVE
FITTINGS


5






Brass Fittings


Forged Brass Nut

Picture	Item NO.	Tube O.D. Inch
	N-04	1/4"
	N-06	3/8"
	N-08	1/2"
	N-10	5/8"
	N-12	3/4"
	N-14	7/8"


Union Tee

Picture	Item NO.	Tube O.D. Inch
	UT-04	1/4"
	NT-06	3/8"
	NT-08	1/2"
	NT-10	5/8"
	NT-12	3/4"

Copper Seal Cap


Picture	Item NO.	Tube O.D. Inch
	CS-04	1/4"
	CS-06	3/8"
	CS-08	1/2"
	CS-10	5/8"
	CS-12	3/4"

Union


Picture	Item NO.	Tube O.D. Inch
	U-04	1/4"
	U-05	5/16"
	U-06	3/8"
	U-08	1/2"
	U-10	5/8"
	U-12	3/4"
	U-14	7/8"

Brass Fittings


Cap Nut

Picture	Item NO.	Tube O.D. Inch
	CN-04	1/4"
	CN-06	3/8"
	CN-08	1/2"
	CN-10	5/8"
	CN-12	3/4"


Flare To Solder Union

Picture	Item NO.	Tube O.D. Inch
	FSU-04X04	1/4"
	FSU-06X06	3/8"
	FSU-08X08	1/2"
	FSU-10X10	5/8"
	FSU-12X12	3/4"

Plug


Picture	Item NO.	Tube O.D. Inch
	CS-04	1/4"
	CS-06	3/8"
	CS-08	1/2"
	CS-10	5/8"
	CS-12	3/4"

Union Elbow

Picture	Item NO.	Tube O.D. Inch
	UE-04	1/4"
	UE-06	3/8"
	UE-08	1/2"
	UE-10	5/8"

Brass Fittings

Reducer


Picture	Item NO.	Tube O.D. Inch
	R-04X06	1/4x3/8"
	R-06X04	3/8x1/4"
	R-08X06	1/2x3/8"
	R-08X10	1/2x5/8"
	R-10X08	5/8x1/2"
	R-10X12	5/8x3/4"

Reducing Union

Picture	Item NO.	Tube O.D. Inch
	RU-05X04	1/4x5/16"
	RU-06X04	1/4x3/8"
	RU-08X04	1/2x1/4"
	RU-08X06	1/2x3/8"
	RU-10X06	5/8x3/8"
	RU-10X08	5/8x1/2"
	RU-12X08	3/4x1/2"
	RU-12X10	3/4x5/8"

Split AC Valve

Split A/C Valve (R22)

Picture	Item NO.	Tube O.D. Inch
	AV-04AZ	1/4"
	AV-06AZ	3/8"
	AV-08AZ	1/2"
	AV-10AZ	5/8"
	AV-12AZ	3/4"
	AV-04AW	1/4"
	AV-06AW	3/8"
	AV-08AW	1/2"
	AV-10AW	5/8"
	AV-12AW	3/4"

Split A/C Valve (R410)

Picture	Item NO.	Tube O.D. Inch
	AV-04BZ	1/4"
	AV-06BZ	3/8"
	AV-08BZ	1/2"
	AV-10BZ	5/8"
	AV-12BZ	3/4"
	AV-04BW	1/4"
	AV-06BW	3/8"
	AV-08BW	1/2"
	AV-10BW	5/8"
	AV-12BW	3/4"



05

Solder Union / Pipe Union

Solder Union



Item NO.	Tube O.D. Inch
SU-02	1/8"
SU-03	3/16"
SU-04	1/4"
SU-05	5/16"
SU-06	3/8"

Pipe Union



Item NO.	Tube O.D. Inch
PU-04	1/4"
PU-06	3/8"
PU-08	1/2"
PU-10	5/8"
PU-12	3/4"

Can Top Valve



CH-336



CH-337



CH-338



CH-339

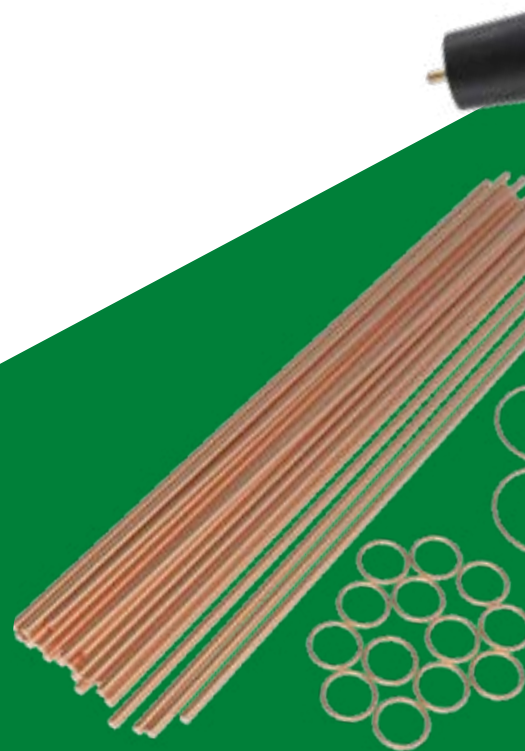


CH-340

Item NO.	Thread	Suit For	PCS/CTN
CH-336	1/4SAE x 5/16SAE	R410A/R32	200
CH-337	1/4SAE x 1/4FSAE	R22/R404A/R407C	200
CH-338	1/4SAE	R12/R22	200
CH-339	1/4SAE	R134A	200
CH-340	1/4SAE	R12/R22/R134A	200

WELDING
TORCH

6





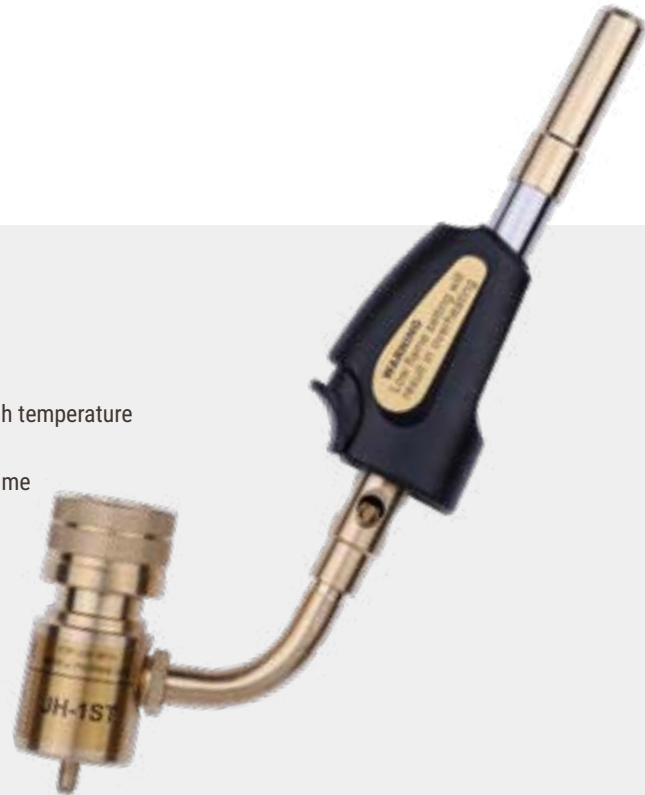
Hand Torch Single -Tip Series IHT-1S

Features

- Stainless steel tip end to withstand high temp and drooping
- Specially designed valve to adjust pressure precisely
- Thruster to speed up the gas flow and complete mixture for high temperature
- High-quality igniters ensure successful ignition every time
- Accurate orifice size to make sure every torch has the same flame
- Tip spins 360° for various jobs

APPLICATION

- For soldering and brazing in HVAC, Jewelry.
- Electricity and Transportation



Gas Type	MAPP, Propane, LPG
Connection Standard	CGA600
Container	For use with 14.1-16 OZ Containers
Regulator Ratings	2.59M Pa(375psi)Maximum Gas Pressure
Copper Tubing Size Capability (With Mapp Gas)	Soft Solder:Max.Ø 2"
	Brazing:Max.Ø 1"
Max Flame Temperature	>3600°F(tested with MAPP gas)
Caution	Low flame setting will result in overheat of the tip
PCS/CTN	50
CTN SIZE	52*35*37

Hand Torch Single

-Tip Series IHT-1S6

Features

- Brass tip end for luxury outlook and fast tip cooling
- Specially designed valve to adjust pressure precisely
- Thruster to speed up the gas flow and complete mixture for high temperature
- High-quality igniters ensure successful ignition every time
- Accurate orifice size to make sure every torch has the same flame
- Tip spins 360° for various jobs

APPLICATION

- For soldering and brazing in HVAC, Jewelry.
- Electricity and Transportation



Gas Type	MAPP, Propane, LPG
Connection Standard	CGA600
Container	For use with 14.1-16 OZ Containers
Regulator Ratings	2.59M Pa(375psi)Maximum Gas Pressure
Copper Tubing Size Capability (With Mapp Gas)	Soft Solder:Max.Ø 2"
	Brazing:Max.Ø 1"
Max Flame Temperature	>3600°F(tested with MAPP gas)
Caution	Low flame setting will result in overheat of the tip
PCS/CTN	50
CTN SIZE	52*35*37

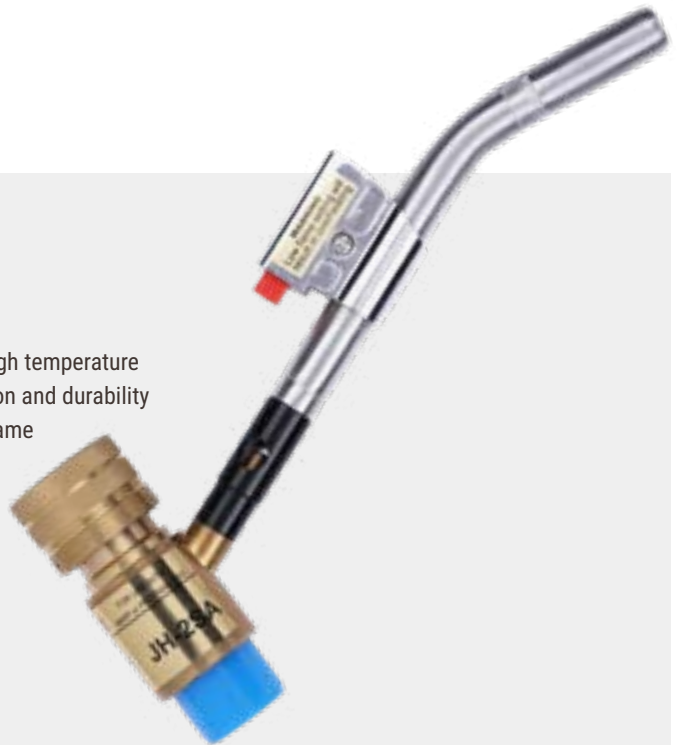
Hand Torch Single -Tip Series IHT-031

Features

- Stainless steel tip end to withstand high and dropping
- Specially designed valve to adjust pressure precisely
- Thruster to speed up the gas flow and complete mixture for high temperature
- High-quality igniters with Aluminum Housing for reliable ignition and durability
- Accurate orifice size to make sure every torch has the same flame
- Tip spins 360° for various jobs

APPLICATION

- For soldering and brazing in HVAC, Jewelry.
- Electricity and Transportation.



Gas Type	MAPP, Propane, LPG
Connection Standard	CGA600
Container	For use with 14.1-16 OZ Containers
Regulator Ratings	2.59M Pa(375psi)Maximum Gas Pressure
Copper Tubing Size Capability (With Mapp Gas)	Soft Solder:Max.Ø 2"
	Brazing:Max.Ø 1"
Max Flame Temperature	>3600°F(tested with MAPP gas)
Caution	Low flame setting will result in overheat of the tip
PCS/CTN	40
CTN SIZE	53*33*19.5

Hand Torch Single

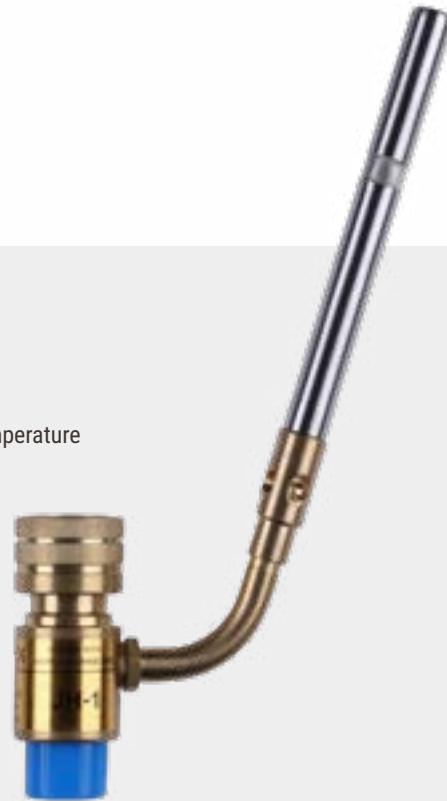
-Tip Series IHT-200

Features

- Stainless steel tip end to withstand high and dropping
- Specially designed valve to adjust pressure precisely
- Thruster to speed up the gas flow and complete mixture for high temperature
- Accurate orifice size to make sure every torch has the same flame
- Air intake holes to intake vast air for complete burning
- Tip spins 360° for various jobs

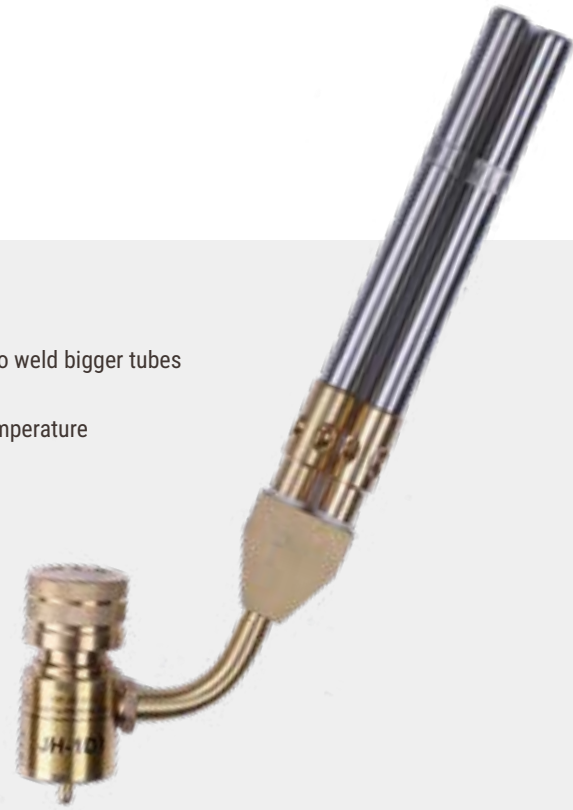
APPLICATION

- For soldering and brazing in HVAC, Jewelry.
- Electricity and Transportation.



Gas Type	MAPP, Propane, LPG
Connection Standard	CGA600
Container	For use with 14.1-16 OZ Containers
Regulator Ratings	2.59M Pa(375psi)Maximum Gas Pressure
Copper Tubing Size Capability (With Mapp Gas)	Soft Solder:Max.Ø 2"
	Brazing:Max.Ø 1"
Max Flame Temperature	>3600°F(tested with MAPP gas)
Caution	Low flame setting will result in overheat of the tip
PCS/CTN	50
CTN SIZE	52*35*37

Hand Torch Dual -Tip Series IHT-202



Features

- Dual tips with exactly the same flame each tip generate more heat to weld bigger tubes
- Specially designed valve to adjust pressure precisely
- Thruster to speed up the gas flow and complete mixture for high temperature
- Accurate orifice size to make sure every torch has the same flame
- Tip spins 360° for various jobs

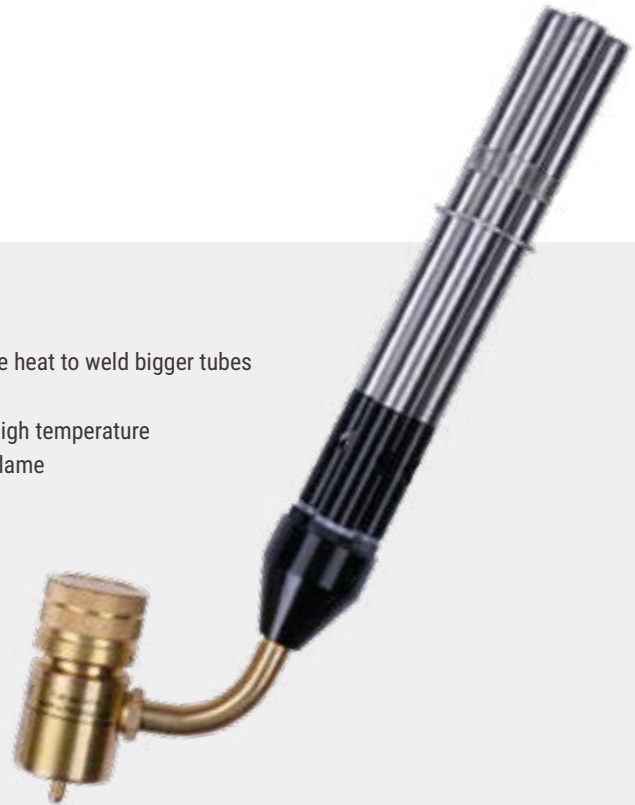
APPLICATION

- For soldering and brazing in HVAC, Jewelry.
- Electricity and Transportation.

Gas Type	MAPP, Propane, LPG
Connection Standard	CGA600
Container	For use with 14.1-16 OZ Containers
Regulator Ratings	2.59M Pa(375psi)Maximum Gas Pressure
Copper Tubing Size Capability (With Mapp Gas)	Soft Solder:Max.Ø 4"
	Brazing:Max.Ø 2"
Max Flame Temperature	>3600°F(tested with MAPP gas)
Caution	Low flame setting will result in overheat of the tip
PCS/CTN	25
CTN SIZE	45*38*21



Hand Torch Triple -Tip Series IHT-203



Features

- Triple tips with exactly the same flame each tip generate more heat to weld bigger tubes
- Specially designed valve to adjust pressure precisely
- Thruster to speed up the gas flow and complete mixture for high temperature
- Accurate orifice size to make sure every torch has the same flame
- Air intake holes to intake vast air for complete burning
- Tip spins 360°

APPLICATION

- For soldering and brazing in HVAC, Jewelry.
- Electricity and Transportation

Gas Type	MAPP, Propane, LPG
Connection Standard	CGA600
Container	For use with 14.1-16 OZ Containers
Regulator Ratings	2.59M Pa(375psi)Maximum Gas Pressure
Copper Tubing Size Capability (With Mapp Gas)	Soft Solder:Max.Ø 6"
	Brazing:Max.Ø 3"
Max Flame Temperature	>3600°F(tested with MAPP gas)
Caution	Low flame setting will result in overheat of the tip
PCS/CTN	25
CTN SIZE	56*39*21

Hose Torch Series

-IHT-1S660



Features

- Stainless steel tip end to withstand high temp and drooping
- Specially designed valve to adjust pressure precisely
- Thruster to speed up the gas flow and complete mixture for high temperature
- High-quality igniters ensure successful ignition every time
- Accurate orifice size to make sure every torch has the same flame
- Hose with high working pressure for reliability and durability

APPLICATION

- For soldering and brazing in HVAC, Jewelry.
- Electricity and Transportation

Gas Type	MAPP, Propane, LPG
Connection Standard	CGA600
Container	For use with 14.1-16 OZ Containers
Regulator Ratings	2.59M Pa(375psi)Maximum Gas Pressure
Copper Tubing Size Capability (With Mapp Gas)	Soft Solder:Max.Ø 2"
	Brazing:Max.Ø 1"
Max Flame Temperature	>3600°F(tested with MAPP gas)
Caution	Low flame setting will result in overheat of the tip
PCS/CTN	25
CTN SIZE	46.5*42*43



Hand Held Torch Series



-IHT-020



Features

- Brass tip end for luxury outlook and fast tip cooling
- Specially designed valve to adjust pressure precisely
- Torch ignited instantly
- Redesigned handle for comfortable use
- Multiple locking design for safe and reliable use
- Thruster to speed up the gas flow and complete mixture for high temperature
- Accurate orifice size to make sure every torch has the same flame

APPLICATION

- For soldering and brazing in HVAC, Jewelry.
- Electricity and Transportation

Gas Type	MAPP, Propane, LPG
Connection Standard	CGA600
Container	For use with 14.1-16 OZ Containers
Regulator Ratings	2.59M Pa(375psi)Maximum Gas Pressure
Copper Tubing Size Capability (With Mapp Gas)	Soft Solder:Max.Ø 2"
	Brazing:Max.Ø 1"
Max Flame Temperature	>3600°F(tested with MAPP gas)
Caution	Low flame setting will result in overheat of the tip
PCS/CTN	24
CTN SIZE	54.4*37.5*40.8



Hand Held Torch Series



-IHT-070



Features

- Brass tip end for luxury outlook and fast tip cooling
- Specially designed valve to adjust pressure precisely
- Handle made of Aluminum
- Torch ignited instantly
- Redesigned handle for comfortable use
- Multiple locking design for safe and reliable use
- Thruster to speed up the gas flow and complete mixture for high temperature
- Accurate orifice size to make sure every torch has the same flame

APPLICATION

- For soldering and brazing in HVAC, Jewelry.
- Electricity and Transportation

Gas Type	MAPP, Propane, LPG
Connection Standard	CGA600
Container	For use with 14.1-16 OZ Containers
Regulator Ratings	2.59M Pa(375psi)Maximum Gas Pressure
Copper Tubing Size Capability (With Mapp Gas)	Soft Solder:Max.Ø 2"
	Brazing:Max.Ø 1"
Max Flame Temperature	>3600°F(tested with MAPP gas)
Caution	Low flame setting will result in overheat of the tip
PCS/CTN	24
CTN SIZE	57.5*35.5*17.5



MAPP GAS

LIQUEFIED PETROLEUM GAS WITH PROPYLENE,
PROPANE AND DIMETHYL ETHER



PHYSICAL PROPERTIES

- Actual burning temperature: Approach 3600F
- The full burning time: Nearly 2 hours and 48 minutes
- Scientific blend proportion and good flame to guarantee good welding result and shorten working time
- Temperature(Degree Celsius) 20 degree C, Pressure(psig)110psig
- Diameter 76mm, Height 270mm, Gross weight 550g, convenient for holding and taking

QUALITY STANDARDS

Purity:≥99.9%

PACKAGING

16oz/ 453.6g per cylinder,
12 cylinders/carton
23520 cylinders/40ft container
1960 cartons/40ft container

APPLICATION

For welding, brazing and soldering



MAP PRO

LIQUEFIED PETROLEUM GAS WITH PROPYLENE



PHYSICAL PROPERTIES

- Actual burning temperature: Approach 3600F
- The full burning time: Nearly 2 hours and 48 minutes
- Scientific blend proportion and good flame to guarantee good welding result and shorten working time
- Temperature(Degree Celsius) 20 degree C, Pressure(psig)110psig
- Diameter 76mm, Height 270mm, Gross weight 550g, convenient for holding and taking

QUALITY STANDARDS

Purity: $\geq 99.9\%$

PACKAGING

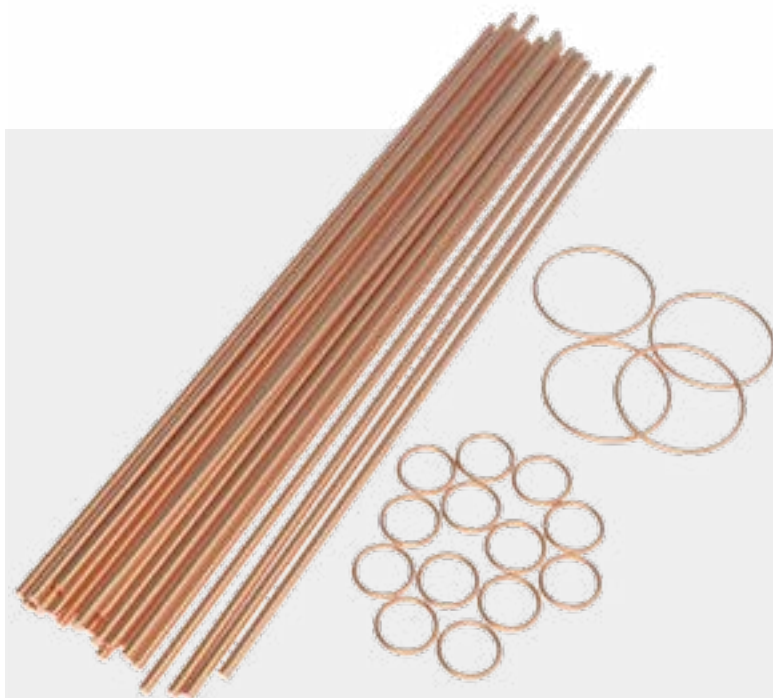
14.1oz / 399.7g per cylinder,
12 cylinders/carton,
23520 cylinders/40ft container,
1960 cartons/40ft container

APPLICATION

For welding, brazing and soldering



PHOS-COPPER BRAZING ALLOYS

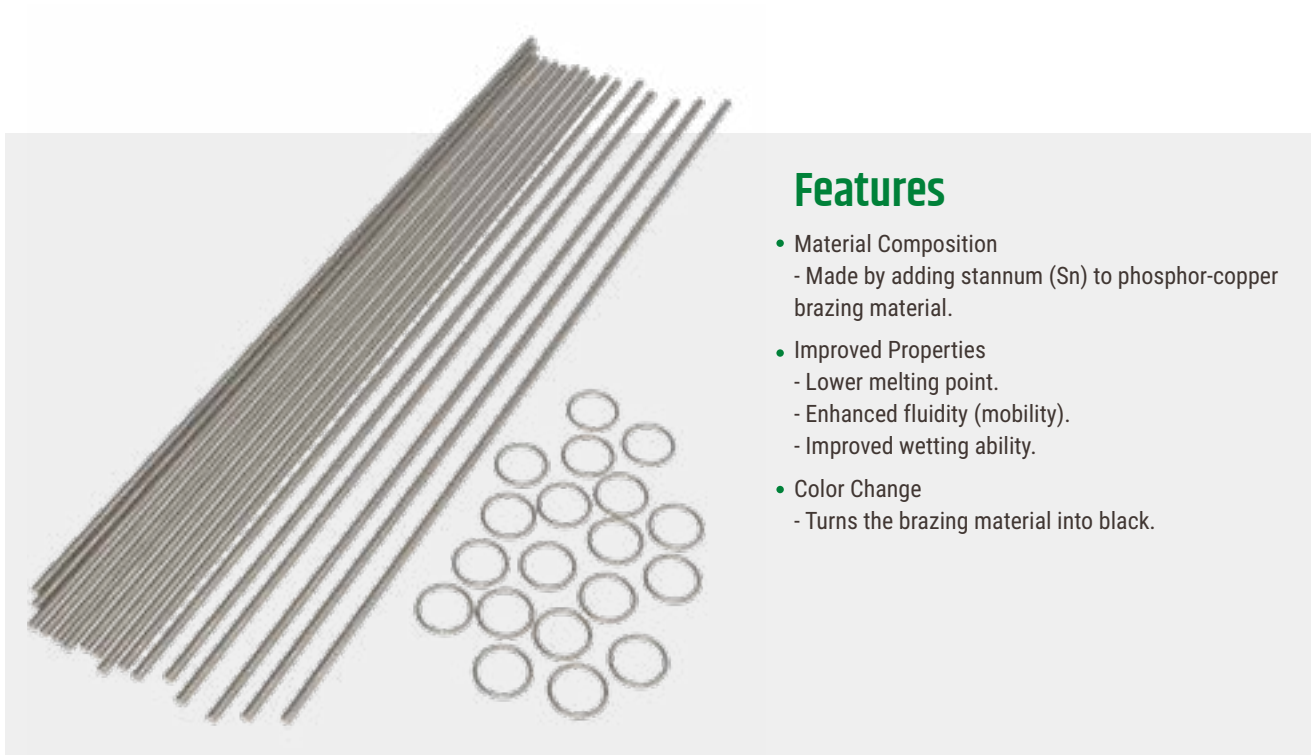


Features

- Material Composition
 - Binary alloy based on copper-phosphorus.
- Excellent Properties
 - Good fluidity (mobility).
 - Low cost.
 - Superior processing performance.
- Wide Application
 - Suitable for contact welding, gas flame welding, high-frequency (HF) brazing, and certain furnace welding.
- Self-Brazing Capability
 - Does not require brazing flux in most cases.
- Flux Requirement
 - Flux is necessary when brazing brass to brass.

Product Number	Related Standard	Chemical Composition(%)				Total impurities	Melting Range		Characteristic	Application
		Cu	p	Sn	Others		°F/°C Solidus	°F/°C Liquidus		
JCuP A	CN: BCu92P JP: TC - 310D	90.9-91.5	7.5-8.1			≤0.15	1310/710	1418/770	Closeto eutectic crystay compositio low melting point, easy flow into a small clearance of brazing seam	Use for copper and copper alloy parts, refrigeration compressor, not suitable for brazing attacking shocking bend parts.
JCuP B	CN: BCu93P US: BCuP-2 JP: TC-310A	91.6-92.3	6.6-7.4				1310/710	1508/820	Contain less phosphors.has better plastic nature, a little higher melting point	Use for copper and copper alloy parts,suitable for air conditioning,refngerator evaporator, heat exchanger and water heater ect.
JCuP C		92.2-92.9	6.1-6.8				1310/710	1508/820	Contain a little phosphorus.has better plastic nature, a little higher melting point	Can make into many kinds of brazing ring, wires, brazing copper and copper brazing ample clearance tie-in

PHOS-COPPER-TIN BRAZING ALLOYS



Features

- Material Composition
 - Made by adding stannum (Sn) to phosphor-copper brazing material.
- Improved Properties
 - Lower melting point.
 - Enhanced fluidity (mobility).
 - Improved wetting ability.
- Color Change
 - Turns the brazing material into black.

Product Number	Standard	Chemical Composition(%)				Total impurities	Melting Range		Characteristic	Application
		Cu	P	Sn	Others		°F/°C Solidus	°F/°C Liquidus		
JCuPSn A		89.1-90.9	6.4-7.2	2.5-3.5			1202/650 1292/700	Low melting point Easy flow	Use for copper or brass parts of water heater, radiant heating, radiant heating etc.	
JCuPSn B		86.3-88	6.8-7.5	5.0-6.0		≤0.15	1148/620 1220/660	little higher melting point Easy flow	Use for copper or brass parts of water heater, radiant heating, radiant heating Brazing ample clearance tie-in.	
JCuPSn C	EU: CP302 GER: Degussa86	83.6-96.4	6.5-7.5	6.5-7.5	Ni: 0.4-1.2		1148/620 1238/670	Low melting point Easy TIOW	Use for copper and copper parts of water heater, water fountain, fuel gas ware, radiant heating and cleaners, polishes ect.	



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