

诸暨市弘利机械配件有限公司

产品目录册

制冷工具&配件系列（空调专业维修工具）

HL-1-003 空调测漏工具 A/C leak test device

- 1、纯铜制造，配胶圈、气门芯、气门钥匙； All fine copper, contain sealing ring, valve core, core wrench.
- 2、对汽车空调系统进行分段检漏，能迅速精准找出漏点； A/C system segment test, find the leakage point quickly.
- 3、配合清洗设备可进行分段清晰，去除污渍及过量冷冻油，无需拆卸零件，省时省事； Segmently clean A/C system cooperate with clean equipment, remove the dirty oils validly.
- 4、零件更换前先行检漏，避免重复装卸困扰。 Test before spare part renew, to avoid dismounting repeatedly.

①77pcs



②81pcs



③103pcs



④114pcs



①77 件套空调测漏工具 77-piece air conditioner leak detection tool set

②81 件套欧亚美汽车空调检漏工具

81-piece set of European, Asian and American car air conditioner leak detection tools

③103 件套欧亚美汽车空调检漏工具

103-piece set of European, Asian and American car air conditioner leak detection tools

④ 114 件套亚欧美新能源四合一 114-piece set of Asian, European and American new energy four-in-one

HL-003 货车挖掘机空调堵漏
Large excavator air conditioner leakage



HL-003 汽车空调分段侧漏工具
Automobile air conditioner segmented side leakage tool



HL-001 四手轮控制铝阀体表组

R134a Manifold gauge set Aluminum valve body with four hand wheels



- 防爆视液镜 Explosion-proof liquid indicator
- 符合人体功能学的铝制手轮，舒适耐用 Gentle and comfortable aluminum knob
- 工具套件：高档皮箱包装，方便收纳和携带 Tool kit: High-end plastic-case packaging, Convenient storage, easy carry

HL-002 普通表、油表、连体双表阀

R134a Manifold gauge set Aluminum valve body



- 紧凑的阀体设计，便捷易带 Compact valve body design, convenient and easy to carry
- 防爆视液镜 Explosion-proof liquid indicator
- 工具套件：高档皮箱包装，方便收纳和携带 Tool kit: High-end plastic-case packaging, Convenient storage, easy carry

HL-003 R1234yf 表组

R1234yf manifold gauge set



- 专用制冷剂 Refrigerant: R1234yf
- 紧凑的阀体设计，便捷易带 Compact valve body design, convenient and easy to carry
- 防爆视液镜 Explosion-proof liquid indicator
- 工具套件：高档皮箱包装，方便收纳和携带 Tool kit: High-end plastic-case packaging, Convenient storage, easy carry

HL-004 R744 表组

R744 manifold gauge set



- 专用制冷剂 Refrigerant: R744
- 管子 SUS304 配件，8 角液压，爆破压力 ≥ 8700 Psi (60MPa) ; SUS304 accessories, 8 angle hydraulic mounting, ultra-high pressure resistance ≥ 8700 Psi (60MPa)
- 自锁结构，开度可调，精准加注 Adjustable opening, self-locking structure, precise filling

HL-005 表组系列

R134a Manifold gauge set Aluminum valve body



- 外壳防撞设计 Protective housing: Anti-collision design
- 防爆视液镜 Explosion-proof liquid indicator
- 符合人体功能学的铝制手轮，舒适耐用 Gentle and comfortable aluminum knob
- 工具套件：高档皮箱包装，方便收纳和携带 Tool kit: High-end plastic-case packaging, Convenient storage, easy carry

HL-006 表组系列

R134a Manifold gauge set Aluminum valve body



- 外壳防撞设计 Protective housing: Anti-collision design
- 防爆视液镜 Explosion-proof liquid indicator
- 符合人体功能学的铝制手轮，舒适耐用 Gentle and comfortable aluminum knob
- 工具套件：高档皮箱包装，方便收纳和携带 Tool kit: High-end plastic-case packaging, Convenient storage, easy carry

HL-007 快速接头

R134a quick coupler series



- 符合 J639 行业标准 Meet the J639 standard
- 开度可调，精准加注 Adjustable opening, precise filling

HL-008 快速接头

R134a quick coupler series



- 符合 J639 行业标准 Meet the J639 standard
- 开度可调，精准加注 Adjustable opening, precise filling

HL-009 R1234yf 快速接头
R1234yf adjustable quick coupler



- 符合 J639 行业标准 Meet the J639 standard
- 开度可调，精准加注 Adjustable opening, precise filling
- 安全可靠，自锁结构，环保可靠 Self-locking structure, environmental protection and reliable

HL-0010 空调加液阀
Refrigerant Charging Control Valve



- 铝制手轮，舒适耐用 Aluminum knob, comfortable and durable.
- 安全可靠，节能环保 Safe and reliable, energy saving and environmental protection.

HL-0010 开瓶器
R134a & R340 can tap valve



- 经济实用 Economical and practical
- 型号 Model: 338/339/340/341

HL-0010 339 开瓶器
R339a can tap valve



- 适用制冷剂 Refrigerants: R22/R134a/R410a/universal refrigerants

HL-0010 三色管
Refrigerant Charging Hose Series



- 行业标准 Standard: 三色管符合 SAE J2196 SAE J2888 标准; Meet the SAE J2196 SAE J2888 standard.
- 安全可靠 Reliability: 改性 PTFE 密封材质，使用多种制冷剂，使用寿命更长;
Modified PTFE sealing material, suitable for a variety of refrigerants, longer service life.
- 密封性强 Sealing: 带六角滚花，可使用扳手锁紧，保证密封效果; 八角液压，受力均匀，加强密封;
Knurled with Hexagon, can be locked with a wrench to ensure the sealing effect;
8 angle hydraulic pressure, uniform force, strengthened sealing.
- 实用方便 Convenience: 接口、长度均可定制; Connector and length can be customized.

HL-0010 小球阀
Ball shut off valve



- 一体式结构，性能稳定 Integrated copper valve structure, stable performance
- 双重密封，安全可靠 Double sealing, safe and reliable
- 改性 PTFE 密封材质，适用多种制冷剂 Modified PTFE sealing material, suitable for a variety of refrigerants

HL-001 空调清洗瓶
Air Conditioner Cleaner



- 软管连接，使用轻便灵活 Flexible hose connection, easy to use
- 深度清洗冷凝器和蒸发器 Can clean the condenser and evaporator deeply
- 超压自动排泄，安全可靠 Automatic discharge of overpressure, safe and reliable

HL-001 注油器 & 荧光剂加注筒
Oil injector & Fluorescent liquid filler



- 1/2ACME, 1/2ACME 反牙, 5/16SAE 反牙等特殊螺纹皆可接受定制
Special threads such as 1/2ACME, 1/2ACME left-handed, 5/16SAE left-handed, etc. can be customized.
- 单向充注，有效防回流
One-way filling, effectively preventing backflow.
- 为系统充注荧光试剂和冷冻油
Filling the fluorescent reagents and refrigerant oil for system.

HL-001 自助加氟器
Faster filling tool



HL-0010 7PC 冷油管拆卸器
Pipe dismantle kit



HL-0010 密封圈
O Ring Sets



HL-0010 气门芯装卸工具
Schrader valve remover



- 接口可灵活转换 The connector can be flexibly converted;
- 工作中可装卸阀芯 Assemble and disassemble valve core under running condition of refrigeration system

HL-0010 气门芯更换工具
Valve core wrench



HL-001 22 件燃油和空调管路断开装置
22pcs fuel & air conditioning line disconnect set



HL-001 针阀
Zinc alloy tube piercing valve



HL-001 汽车空调荧光检漏工具套装
Mini UV blue system



HL-001 冷冻油检测分析器
Refrigerant oil observer



HL-0010 压力表
Pressure gauge



HL-0010 轴向充油压力表
Axial Oil-filled pressure gauge



制冷铜、紫铜配件系列

HL-001 钠子 Nut  ● 优质铜合金锻造 Forged from high-quality copper alloy ● 接口齐全 Complete connectors 1/4 3/8 1/2 5/8 3/4	HL-001 外丝 & 内丝双接头 & 三通 Male & Female Union connector & Union tee  ● 优质铜合金 High quality copper alloy ● 接口齐全 Complete connectors 1/4 3/8 1/2 5/8 3/4
HL-001 转换接头 Brass adapter  ● 优质铜合金 High quality copper alloy ● 卡簧结构，环保 Circlip structure, environmental protection	HL-001 单向阀 One-way valve  确保唯一的正确的流动方向，阀口有很好的密封性。To ensure the only correct direction of flow, valve has strong sealing performance.
HL-001 毛细管带钠子 Capillary tube with nut  ● 优质铜合金 High quality copper alloy ● 焊接结构，牢固可靠 Welding structure, firm and reliable ● 接口、长度可定制 Connector and length can be customized	HL-001 KM 型 膜片式手阀 Model KM Diaphragm Hand valve  ● 高品质膜片确保外密封性，独特结构很小力矩可实现内密封。High sensitive diaphragm ensures good sealing, and allows small torque power to seal the valve.

HL-001 紫铜系列



HL-001 充注阀
Access Charging valve

