

A/C Compressor testing bench (Air test)

TB-05



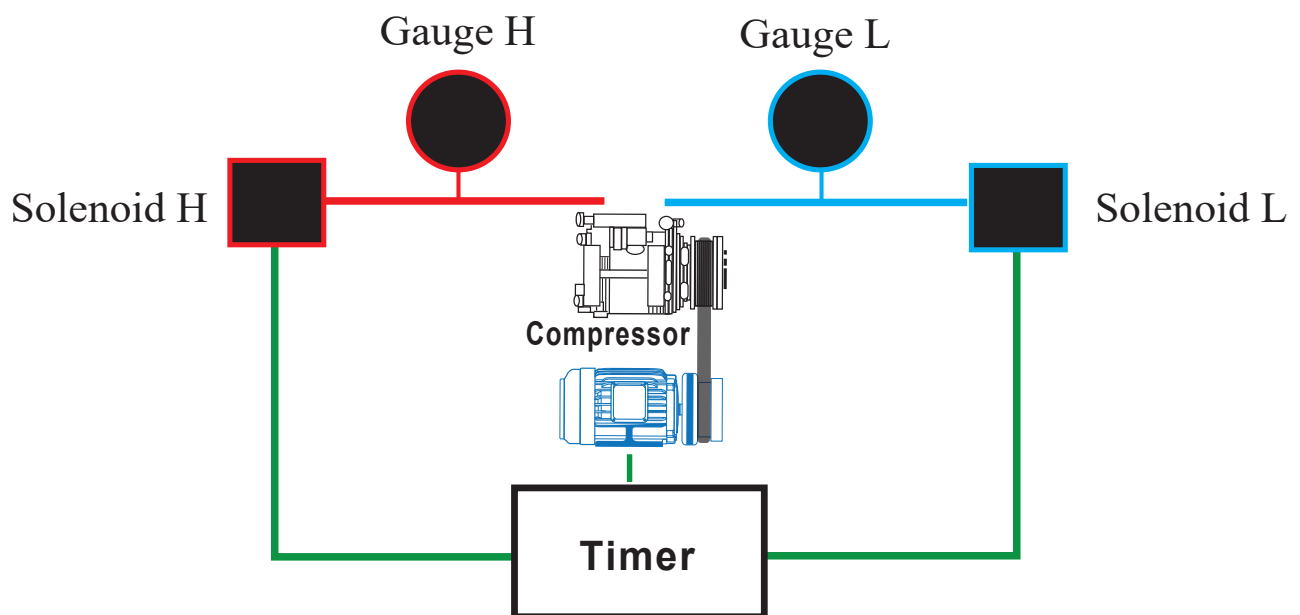
TB-05 is a compact economical test machine for most of the automotive engine driven compressors. This machine performs Leak Test (Test A) & Reed Test (Test B). Tests will be done through couple easy steps.

Scan the barcode for Video Demo.



TB-05 is suitable for

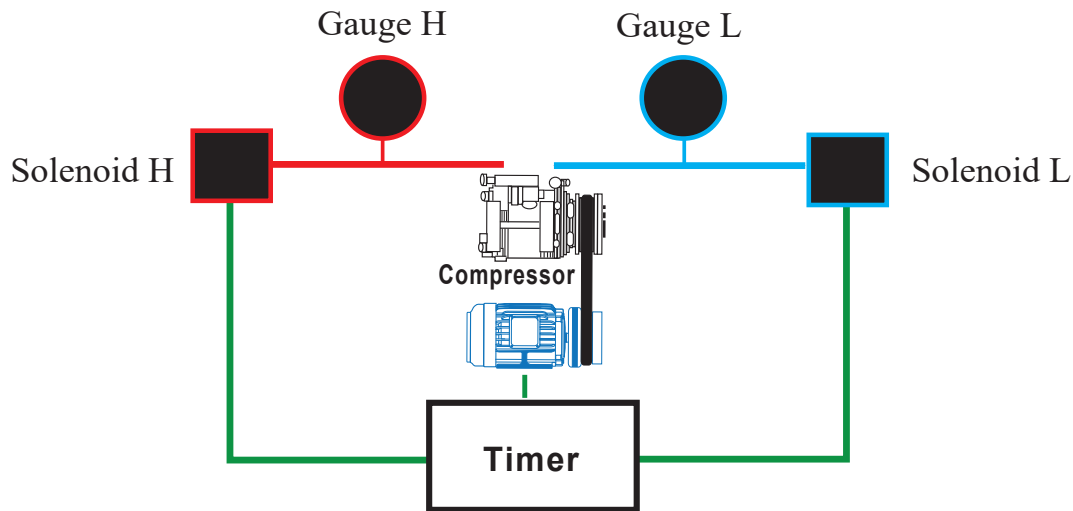
- Production Test
- Warranty Test
- Core Test



ARUFA®

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Test A : Leak Test

1. Solenoid H & L off (Close)
2. Start motor
3. Solenoid H on (open) for 2~5 seconds
4. Solenoid H off (close), Stop motor
5. If Gauge H = 0 psi
Gauge L < 0 psi

Test Pass

Else

Leak Occurs

Test B : Reed Test

1. Solenoid L on (Open)
Solenoid H off (Close)
2. Start motor until Gauge H to 200 PSI
3. Solenoid L off (Close)
4. If either Gauge H or Gauge L “flutter”
Suction reed have problem.
5. Stop motor
6. Gauge H will drop.
7. If the dropping rate faster than 60psi/30sec
Discharge reed have problem.

<i>Specifications</i>	
Input Voltage	AC220V Single/Three Phase 50/60 Hz
Motor	TECO 3HP
Inverter	TECO CV7300
Motor Speed	1800 RPM
Motor Direction	Clockwise & Counterclockwise
Compressor Drive	Multi-Groove (Diameter: 110mm) & A-Groove
DC Supply	DC12V & DC24V power supply (5A)
Compressor Mounting	Universal Clamping Fixture
Dimension	80cm x 80cm x 160cm
Weight	Approximately 150kg

- Note:**
- Fitting for connect to various compressors are not provided. (See accessories)
 - It is not guaranteed that all the compressors can be mounted on the clamping fixture. Some compressors need additional tooling.



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MANIFOLD ACCESSORIES



- ER-051
UNIVERSAL
(SCREW TYPE)



- ER-052
JAPANESE CAR



- ER-053
AMERICAN CAR



- ER-054
EUROPEAN CAR



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