

AVL DiTEST ADS 130



General Technical Data	
Refrigerant Type	R134A or R1234yf
Nominal Voltage	230 VAC
Frequency	50 Hz
Consumption	800 W
Weight	Appr. 110 kg
Dimensions	80x80x152
Display	15 inch graphic TFT color display (LB3)
Keyboard	Touch
Pressure gauges	Digital (HP, LP and BP)
PC Interfaces	USB interface (LB3) Optional WIFI and LAN
Max. operation pressure	20 bar
Hoses length	4,5 m
Printer	Thermal 24 columns
Pressure Equipment Directive (97/23/EC)	Class III
Norms, Regulations	97/23/EC Pressure Equipment Directive 2004/108/EC Electromagnetic Compatibility Directive 2006/95/EC Low Voltage Directive EN 378-2:2009 EN 13136:2007 EN 61326-1:2006 EN 61010-1:2001

Refrigerant	
Refrigerant	R134a or R1234yf
Vessel capacity	26 litre
Load cell (kg)	60 kg
Accuracy of refrigerant load cell	± 30 g
Recovery rate	>95%
Vessel heating functionality	Standard

Oil/UV Tracer	
Oil vessels	3 (New and Exhaust oil, Tracer)
Number of scales	Two electronic scales for Oil in/Oil out and Tracer
Oil container capacity [ml]	250
Load cell (kg)	15
Accuracy Oil/Tracer	± 5g/± 5g
Hermetic vessels	Optional for new oil and Tracer

Vacuum pump	
Suction speed (m ³ /h)	3 m ³ /h
Ultimate pressure	0.002 mbar
Service interval	1000 h

Compressor	
Displacement	14 cc

Database	
Vehicles (R134a or R1234yf)	European, US and Asian standard Australian vehicle optional Agriculture and construction machinery optional
Vehicle information	Filling quantity of coolant Technical information and drawings required oil type
Database update	Via USB

Climatic conditions	
Operating Temperature	+5... +40 °C
Storage Temperature	-10...+50 °C
Humidity	10... 90 % non condensing

Functional description	
Refrigerant and used oil recovery, vacuum, recharge, oil injection	Automatic and manual
Automatic oil/tracer injection	Automatic with scale 1g resolution/ 5g accuracy
Leakage test	Automatic (vacuum test) Nitrogen Kit optional
Self test	Internal leakage test
System pressure diagnose	Automatic (LP and HP digital gauge)
MAC diagnostic	With optional temperature sensor
Flushing	With internal solenoid (required Flushing kit optional)
Hybrid function	Optional with hybrid kit
Convertible to R1234yf	Upgradeable
Gas identifier (only R1234yf)	Optional
Hose compensation	Automatic
NCG discharge	Electronically controlled
Customer database (vehicle)	100 records
Balance sheet for refrigerant	USB Standard
Agriculture and construction machinery (only R134a)	Optional
"Eco protect" function	Standard