

Marksman II

Ultrasonic technology for
fast, accurate and effective
leak detection



Marksman II

Integrates into the air conditioning service process



The ultimate

The Marksman II is the ultimate tool to find leaks in vehicle air conditioning systems- It is quick and convenient to use, and simple to operate.

Technology

Featuring advanced heterodyne circuitry and sound signature technology, the Marksman II converts and amplifies inaudible ultrasonic sounds into audible natural sounds. Leaks and defects can be diagnosed early before they result in more serious breakdowns.

Applications

The Marksman II is suitable for use in any vehicle servicing or accident repair environment - its operation is unaffected by external noise. The tool has the capability to check for leaks of both refrigerant and vacuum, and it integrates easily into a standard A/C service routine.

Compliance

The tool supports the legal requirement* that it is a criminal offence to charge an air conditioning system with R134a refrigerant without reasonable due diligence being undertaken to ensure that there are no leaks in the system.

*Effective since September 2009

Marksman II

Detect leaks early –
means take action sooner



features

- Detects frequencies in the ultrasonic (40.5kHz) range - filters ambient noise
- 5 LED signal intensity indicator and audible alarm to pinpoint source
- Internal Noise Control ensures that it is unaffected by ambient noise
- Self-adjusting Automatic Gain Control circuitry enhances sensitivity.
- Precision-engineered air probe optimises versatility
- Adjustable touch-control sensitivity pad and power switch
- Comprises ultrasonic receiver, air extension probe, headphones and rugged carry case
- Powered by two D cell alkaline batteries (included)



This product has been independently evaluated by accident repairers and workshops and meets the Autoclimate RAPS* performance standard.

*Autoclimate Repairer Approved Product Scheme

For more information  0345 50 50 900

Marksman II



technical

Part no.	02505-0092
Sensitivity	Detects leaks from holes from 0.1mm at 5.0 psi (34 kPa) from 30cm
Power	Two D cell alkaline batteries
Weight	680g with batteries
Housing	Chemical-resistant ABS
Battery life	165 hours approx
Frequency response	36,000 - 44,000Hz
Circuitry	Solid state
Headphones	Full-size noise reducing

Disclaimer

The contents of this publication are correct at time of publication. Autoclimate Limited reserves the right to vary, modify or change any of its products, services or specifications including those described or referred to in this publication at any time without prior notice.

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