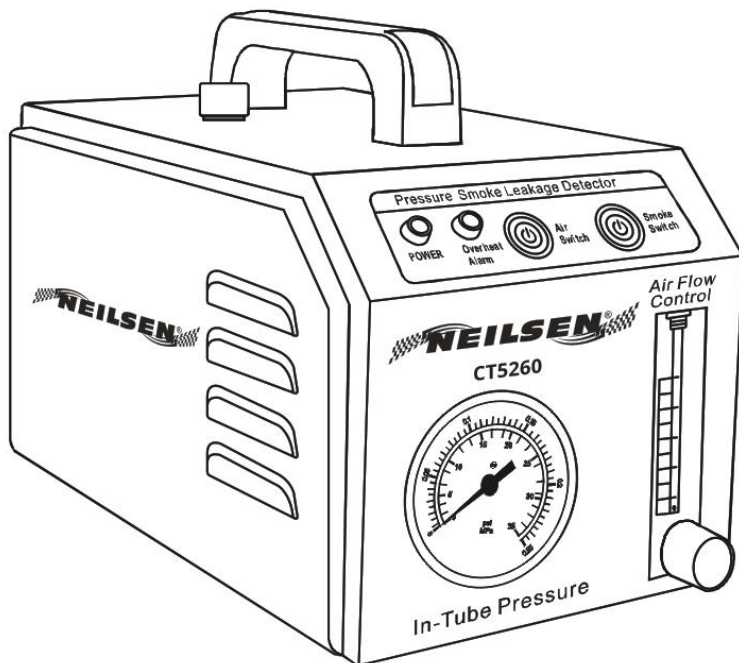




## SMOKE LEAK DETECTOR CT5260

Ref no. SDT302

### ORIGINAL MANUAL



Cannon Tools Limited

Address: 20 Station Road, Rowley Regis, West Midlands, B65 0JU.U.K.



**SAVE THESE INSTRUCTIONS AND PRECAUTIONS.  
READ ALL PRECAUTIONS AND INSTRUCTIONS BEFORE USE.**

# EC DECLARATION OF CONFORMITY

**We CANNON TOOLS LTD**

**20 Station road, Rowley Regis, West Midlands,B65 0JU.U.K.**

Declare that the following machine complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us.

In case of alteration of the machine, not agreed upon by us, this declaration will lose its validity.

**Product description:****SMOKE LEAK DETECTOR**

**Model:** **CT5260** (Ref no. SDT302)

Applicable EC Directives:

EC Machinery Directive 2014/30/EU

RoHs Directive 2011/65/EU & 2015/863/EU

Harmonized standards

EN 55032:2015, EN 55024:2010+A1:2015,

IEC 62321:2013/2015/2017

20 Station Road, Rowley Regis, West Midlands, B65 0JU.U.K.

Mr. Gurcharan Tony Singh Sanghera

Managing Director

**CANNON TOOLS LTD**



2021-01-06

# 1.SPECIFICATION

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Power : DC12V vehicle battery.  
Output Pressure: 10-18psi  
Output smoke Valve : 1- 6 L/min  
Pneumatic output: Built-in air pump  
Test oil capacity: 100ml

It is a professional auto pipe leak detect tool. It will help us position leakage on any pipe systems quickly and exactly, such as EVAP system, Intake system, exhaust system,etc.

# 2. SAFETY INSTRUCTIONS

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- Non-technical person shall not change, disassemble or repair the product, otherwise all losses caused by this shall be borne by the user himself .
- Please do not scratch, bend, twist or stretch the wires. Do not place the wires in high temperature. Do not press hard or decompose the on board charging adapter.
- Please do not place nails, pins, and other small debris on the charging port, in order to avoid damaging the charging connector.
- Do not place the product in unstable place such as high altitude area, slope, or shelf.
- This product is powered by electricity and should not be used as a toy for children.
- To avoid short circuit, do not immerse the product in water or other liquids.
- Please try to use the power supply and power cord supplied by manufacturer as standard.
- Please do not expose this product to strong light or high temperature when its not in use.

### 3. TECHNICAL DESCRIPTION

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- |                          |                    |                    |
|--------------------------|--------------------|--------------------|
| 1. Oil Filler            | 2. Alarm indicator | 3. Power indicator |
| 3. Pressure gauge        | 5. Handle          | 6. Air mode switch |
| 7. Smoke mode switch     | 8. Air flow meter  | 9. Air flow switch |
| 10. Power cord interface | 11. Power switch   | 12. Smoke outlet   |
| 13. adjustable switch    | 14. Oil level      |                    |

## 4. UNPACKING AND CHECKING

Carefully remove the product from the packaging and examine it for any sign of damage that may have happened during shipping. Lay the contents out and check them against the parts shown below. If any part is damaged or missing; please contact the seller and do not attempt to use the product.

Accessories contents:



Main Unit	1	Cone Pipe Plug	8
Smoke Pipe	1	Red Plug	8
EVAP Adapter	1	General Air Bladder	1
General Cone Adapter	1	Power Cable	1
Cone Adapter Packs	1	Scaled Oil Bottle	1
Manual	1	Qualified Certificate	1

## 5. OPERATION

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1. When you use this detector for the first time, please fill 20 -30ml mineral (baby )oil .
2. Disconnect the pipe that needs to be connected with detector. If the pipe needs to be disconnected in the middle, please secure the other side with a rubber stopple.
- 3 . Secure this side with proper taper stopple/ pipe, and connect it with smoke output tube.
4. Connect detector with DC12V battery: red with positive, black with negative. Do not connect in a contrary way.
5. Turn on the power switch, and the detector starts to work.
6. In about 3 minutes, the pipe will be filled with smoke. Check the leak points. Please use head lamp if necessary.
7. After leak detection, please store well the wires and pipe.

Notes:

- \* Please do leak detection away from smoke sensitive parts.
- \* Do not run the detector over 8 minutes. It needs interval rest.
- \*The detector has protector. If it exceeds working limit, it will power off automatically. In this condition, please operate it later.
- \* The round part of this detector is with temperature, be careful to avoid scalding injury.

### How to do leakage test?

1. Turn on device then block smoke exhaust port, then record pressure gauge value.
2. Connect smoke exhaust port to the pipe system you want to test.
3. Wait for a while. Pressure gauge value decrease means the pipe system have leakage, pressure gauge value show '0' means diameter of leakage point is more than 0.3mm.

## 6. MAINTENANCE

With longtime high temperature, the smoke and oil will oxidize and deteriorate. It will infect the service life of smoke generated part, so please change oil regularly.

1. Before filling fresh oil, please pour out the remaining oil in the detector.
2. When the smoke output has water drops, please replace with fresh oil.
3. Liquid paraffin and baby oil are OK.

Please fill fresh oil with equipped oil bottle.

## 7. DISPOSAL

At the end of the machine's working life, or when it can no longer be repaired, ensure that it is disposed of according to national regulations.

– Contact your local authority for details of collection schemes in your area.




In all circumstances:

- Do not dispose of power tools with domestic waste.
- Do not incinerate.
- Do not dispose of WEEE\* as unsorted municipal waste.



## 8. SYMBOLS

The following symbols are used in this manual and/or on the machine:

	Denotes risk of personal injury or damage to the tool		WARNING – To reduce the risk of injury, user must read instruction manual”
	In accordance with essential safety standards of applicable European directives		Mandatory use of eye protection Wear noise protection Wear face mask
	ENVIRONMENT Should your appliance need replacement after household rubbish but dispose of it in an environmentally safe way. Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice		

CANNON TOOLS LTD  
Add: 20 station road, Rowley Regis, west midlands,B65 0JU.U.K.  
Made in China