

# Cherne Smoke Testing Equipment

This motor driven, fan assisted machine allows for easy tracing of inflow, cracks, or illegal connections in gravity pipelines.



TECHNICAL GUIDE: **TA2.3**

## Applications

Testing pipelines for imperfections

Effectively identifies inflow

For use with traditional smoke bombs or liquid smoke

## Product Attributes

Generates up to 106 cubic metres per minute of air flow

Made of lightweight, cast aluminium

Easy-to-regulate

Virtually indefinite storage life

Improved packaging for ease in pouring

## Quality

ISO 9001:2015 Quality Management Standard

A motor driven, fan assisted machine ideal for testing pipelines for inflow, cracks, illegal connections and line identification.

### Design Specifications

- A quality 4 HP Briggs & Stratton Engine.
- Lightweight aluminum body.
- Foam cell sealing gasket.
- Will fit openings from 475-775 mm.

### Accessories

- Cherne Industries also produce a complete range of pneumatic pipe plugs from 50-2400mm. Refer to Technical Guide TA2.1 Pneumatic Test Plugs.
- Remote pole system available, enables plugs to be inserted without entering a manhole. Refer to Technical Guide TA2.2 Remote Plug System.

### Application

- Isolate the line to be tested by blocking above the first manhole and before the next manhole.
- Place the smoke machine over the first manhole.
- Pressurise the smoke liquid tank, start the unit (simple pull cord) and activate the blower unit.
- With the unit being sealed on the manhole lip, the line will fill with smoke very quickly.
- Fractures, leaks and lateral connections will be promptly detected by any escaping smoke.
- Once testing is complete, simply take the unit off the manhole, unblock the line and any surplus smoke will quickly dissipate without any harmful effects.

### Health & Safety

- **Hazardous Substance** – This fluid is restricted to workplace use only.
- **Dangerous Goods** – Classified as a dangerous good for transport.
- **Safe Handling** – Anyone intending to use this fluid must read the Safety Data Sheet (SDS) to ensure proper handling and necessary safety precautions.

- **Ingestion** – If swallowed, seek immediate medical advice by calling a Poison Centre or doctor.
- **Inhalation** – If inhaled, move the person to fresh air and keep them comfortable for breathing.
- **Further Information** – Full safety guidelines, including required PPE, are available in the SDS and on the container label.

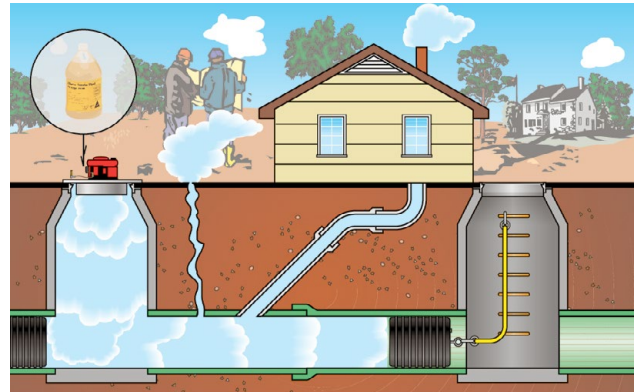


TABLE 1 Products available

Code	Description
SMOKEF01	Smoke Fluid 3.8L
SMOKEF05	Smoke Fluid 18.9L
SMOKEM	Smoke Machine: Briggs & Stratton Engine



Scan for more information

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