

PROBE OUTLET ENCLOSURE FOR INJECTION CONTROL OF ODORANT

For natural gas

The probe outlet enclosure* for the injection of odorising product** is a system that provides **pressure and flow measurement at the exact injection point**.

This measurement is operated **in redundancy** of those realised by instruments located close to the pump.

As the system is installed directly at the injection point, the user can **check final data are correct and do comply with odourisation legal stipulations**. The pressure and flow data comparison between the outlet of the pump and the injection point allows real-time correction.

Compact and lightweight, it is easy to install on a flange or a valve and avoid having a well or realising a huge assembly on site.

This enclosure can be used with a retractable probe together with a sprayer or a spray nozzle. **GENIE 760-IJ and GENIE 702-IJ injection probes** are well-suited for such installations on an underground or above ground pipelines.

This system is custom-made as it is designed depending on odorising product and pressure / flow data.

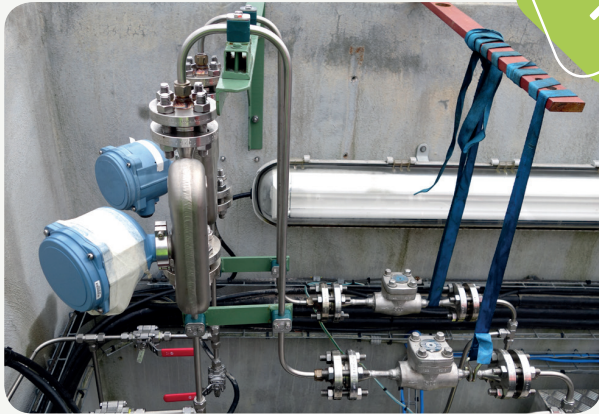
* This cabinet has been rewarded by the internal GRTgaz Challenge Initiatives Program.

** THT, TBM or other sulphur products



 GENIE 702 probe outlet enclosure with sprayer

From a traditional installation



To an installation with SOCLEMA enclosure



Features and benefits

- Measurement redundancy at injection point.
- Ultra-compact system (530 x 590 x 670 mm) with enclosure on site.
- Coriolis flow measurement high accuracy.
- Compliance with regulatory and security aspects of natural gas odorisation: enclosure removable and replaceable very quickly.
- Low THT volume in injection system (4/6 tubing).
- Automation of the supply valve with a disengaging electric actuator.
- Reliability of ¼ turn valve for complete stop.
- Check valve to eliminate gas flow up from pipeline.
- Possible purge of the system with nitrogen.
- Possible recirculation of odorising product.
- Equipment compliant with ATEX II 2G or out of scope.