



Application story

Druck's DPI610E-IS leak testing function mitigates potential gas pipe leaks

A gas utility company uses the Druck DPI610E-IS portable pressure calibrator to check the integrity of gas pipes prior to commissioning.

Industry supplied:

- Gas utility

Application:

DPI610E-IS pressure calibrator used to make sure that the gas pipes are leak free after repair and installation work has been completed.



DPI610E-IS Portable pressure calibrator

The customer:

Our Applications Engineer was approached by a leading gas utilities company based in Europe, looking for a portable solution for in-the-field leak testing of gas pipelines, before commissioning work.

Customer challenge

Underground gas pipes that need replacing or repairing require stringent leak and integrity checks before they are recommissioned. A leaking gas pipe can have devastating consequences which must be mitigated by the utilities engineering team.

Our customers required a cost effective, robust portable calibrator with leak testing functionality for use with engineers in varied weather conditions.

Druck solution

The portable Druck DPI610E-IS is a robust and highly accurate pressure calibrator that can allow the engineers using it to confirm that there are no leaks prior to commissioning the gas pipework.

The repaired section can be isolated and pressurised. The DPI610E-IS is connected to this section of pipework via port to measure the system pressure directly. The instrument can monitor the pressure over a designated time to confirm that the repair integrity is safe with no loss of pressure. Within the same application our DPI705E-IS series can also be used for pressure indication and leak testing.

Druck's added value:

Building on a legacy of 30 years of heritage in the portable calibration industry, Druck utilises the tried and tested, robust design of the DPI600 series, with new functionality, designed using the latest advancements in pressure measurement technology to create the DPI610E-IS.

Being able to generate and measure pressure up to 35 bar pneumatic, and 1000 bar hydraulic, the DPI610E-IS boasts testing functionality that makes the name of the "Iconic Druck" worthy.

Find out more about the DPI610E-IS:

[DPI610E Datasheet](#)



[How to do a leak test video](#)

