



Pipe Locator/Pearson Equipment Data Sheet

PIPE LOCATION AND PEARSON SURVEY EQUIPMENT

The equipment is a high powered Pipe Locator and Pearson Survey System suitable for use on Epoxy Coated, as well as Coal Tar and Bitumen Coated Pipelines.

The system can be used to ascertain the exact location of discontinuities and holidays in the coating of pipes using the Pearson Survey Method.

It can also be used to locate shorts or undesirable electrical contacts to other buried structures and to determine the depth of pipes, cables, etc.



The system incorporates a stationary transmitter which is connected to the pipeline at a convenient point, and a hand held detection unit. Pipe location over distances in excess of 6 miles (approximately 10 km) can be achieved without advancing the transmitter. Pipe depth measurement up to 3 m below the surface is possible.

The transmitter power output is adjustable to achieve optimum matching and can be switched to either pulsed or continuous. The receiver is a self contained unit with its own battery supply and detachable aerial unit. A highly selective tuned circuit is used to reduce unwanted pick up and interference.

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