RADIODETECTION®

PCMx™ Pipeline Current Mapper system

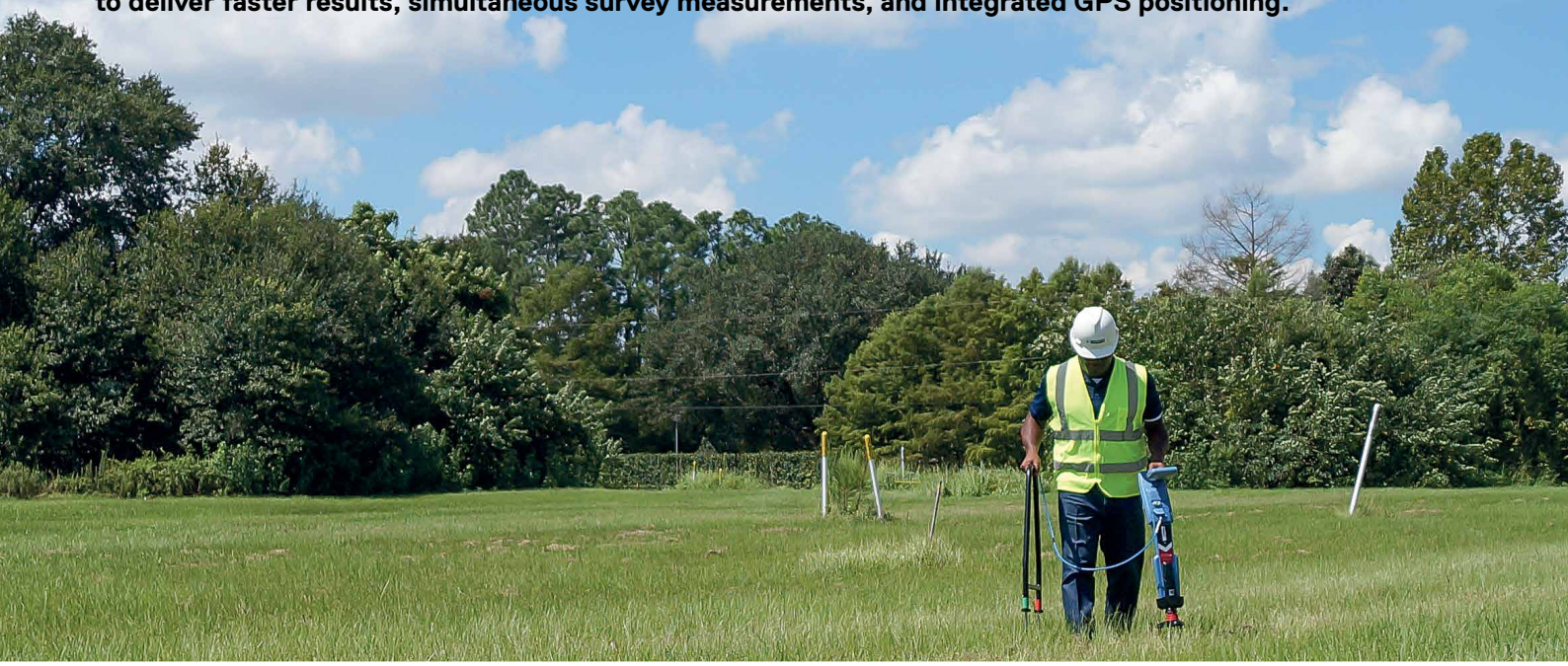
Optimum precision for easier, faster pipeline surveying

SPX®

PCMx: the faster, more convenient survey system for corrosion control

Working alongside industry experts, Radiodetection pioneered the first Pipeline Current Mapper over 20 years ago. It enabled surveyors to identify possible sources of external corrosion on inaccessible pipelines, including those buried beneath rivers and highways. Since then, it has become the tool of choice for many organisations to locate and pinpoint coating defects.

PCMx builds on this pedigree, harnessing the power of Radiodetection's most advanced locator technologies to deliver faster results, simultaneous survey measurements, and integrated GPS positioning.



Faster surveying for quicker results

Increasing number of pipelines, aging infrastructures and more rigorous guidelines result in growing pressure for corrosion specialists to complete surveys and analyse results quicker. The new PCMx system has been designed to meet these challenges with faster measurements and greater portability.

One second mapping measurements

With each mapping measurement now only taking one second, survey times are reduced. Integrated GPS ensures each measurement is captured with positional data.

Two surveys in one pass of the pipeline

Conduct both ACCA and ACVG surveys with one pass of the pipeline. PCMx allows you to collect both measurement types simultaneously, reducing survey time and getting results faster.

More information at your fingertips

Radiodetection's Peak+ technology guides you to your target pipeline quicker while the compass display ensures correct alignment. Simultaneous depth and current measurements give you confidence you are following the correct line.

Faster results

A mobile (Android) companion app allows users to chart results in the field improving on-site analysis. Walk back and walk forward features gets you to your next measurement quicker. An additional PC app offers improved charting tools.

Improved ergonomics

With a balanced design and lighter weight, (2.2kg, 4.8lb), the receiver is easier to carry over long distances.
The convenience of a Li-Ion rechargeable battery pack ensures extended runtime.

Light weight and ergonomic design for comfortable use

Built-in GPS

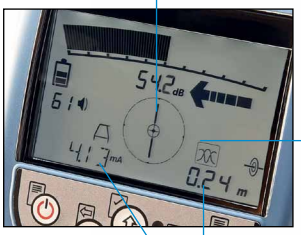
Automatic capture of GPS co-ordinates on survey logs

Li-Ion rechargeable battery pack

Prolongs working time in the field

Compass

For ease and speed on pipeline alignment



Peak+ antenna mode

Combine Peak mode with Null or Guidance arrows to make surveys quicker

Simultaneous display of current and depth gives more confidence you are following the correct pipeline

Remove the foot for a fully functioning RD8100PDLG locator

3 YEAR WARRANTY ON REGISTRATION AND A GLOBAL SERVICE NETWORK PROVIDE PEACE OF MIND

Enhanced self test

The integrity of the measurement system can be confirmed on-site. Self-test applies signals to the locating circuitry as well as checking display and power functions

Transmitters for distribution and transmission lines

For distribution lines, the Tx-25PCM delivers up to 1 Amp of output. This lighter, battery powered transmitter provides extra portability and flexibility in the field. An additional 8kHz high frequency locate signal is provided for long distance, high impedance utility locating.

The long range Tx-150PCM transmitter is ideal for transmission lines with up to 3 Amp output and a signal range of up to 19 miles (30km).

One second mapping measurements combined with simultaneous ACCA and ACVG data gathering makes surveying faster.

Tx-25PCM, the 1A/25W transmitter offering rechargeable battery flexibility.

PCMx mobile app improves on-site analysis, allowing you to review results as you go.

RADIODETECTION

SPX

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Radiodetection is a leading global developer and supplier of test equipment used by utility companies to help install, protect and maintain their infrastructure networks.

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