

Multisonic Leak Detector

F1805K



The Dielectric 1805 Multisonic Detector pinpoints leaks in pressurized cable systems by converting both sonic and ultrasonic sounds into visual and audible signals. Designed to span the range of frequencies from 100Hz to 100kHz, the Model 1805 quickly detects both large and small pressure leaks. Unique circuitry enhances leak sounds while diminishing unwanted background noises. A sensitive meter responds to low signal levels cueing the user to listen for difficult to detect leaks.

Weighing just three pounds, the 1805 is easy-to-use, portable and rugged. The 1805 is used with the 1802 Duct Probes to locate underground pressure leaks, or with a Dielectric Parabolic Reflector to isolate aerial leaks. With the standard hand probe, the 1805 quickly pinpoints leaks in manholes, central offices, and other readily accessible locations.

Multisonic Leak Detector



Features

- Highly sensitive; broadband frequency response helps detect leaks that might be missed with “ultrasonic only” units
- Built in speaker and large, easy-to-read meter simplify use
- Complete kit includes hand probe and headphones in a padded carrying bag
- Rugged, impact resistant case makes this an ideal field unit

Applications

- Underground and aerial pressurized cables.
- Splice Cases
- Central Office Panels
- Cable Plugs
- Industrial Leak Locating

Specifications

- Frequency Response: 100Hz to 100kHz.
- Input: Standard Headphone Jack (Weatherproof).
- Output: Speaker 3 Inch (7.6 cm); Meter 0-100 Logging Scale; Phone Jack for Headset.
- Operating Temperature Range: 0° F (-18° C) to 130° F (55° C)
- Power Source: Standard 9 Volt DC Battery.
- Net Weight: 3 pounds (1.35 kg).

Accessories

Model 1802 Mini Duct Probe is similar to the Model 1801 except the is 300 feet (92m) long and 3/8 inch (9mm) in diameter on a vertical assembly with wheels

Model 1805-00526 Parabolic Reflector uses the standard hand probe to concentrate weak signals from pressurized aerial cable leaks

Ordering Information

Part number: F1805K Multisonic Detector Kit includes the following components:

- Handheld Probe
- Headphone Set
- Shoulder Strap
- Instruction Manual
- Padded Carrying Case
- A1805-00526 Parabolic Reflector

Part number: F1805B Multisonic Detector contains all the above accessories, except the Parabolic Reflector which can also be purchased separately



Specialists in Cable Pressurization

Radiodetection (USA) 28 Tower Road, Raymond, Maine 04071, USA
Tel: +1 (207) 655 8525 Toll Free: +1 (877) 247 3797 Fax: +1 (207) 655 8535 rd.sales.us@spx.com www.radiodetection.com

Radiodetection Ltd. (UK) Western Drive, Bristol BS14 0AF, UK
Tel: +44 (0) 117 976 7776 Fax: +44 (0) 117 976 7775 rd.sales.uk@spx.com www.radiodetection.com

© 2017 Radiodetection Ltd. All rights reserved. Radiodetection is a subsidiary of SPX Corporation. Dielectric is a trademark of Radiodetection in the United States and/or other countries. Due to a policy of continued development, we reserve the right to alter or amend any published specification without notice. This document may not be copied, reproduced, transmitted, modified or used, in whole or in part, without the prior written consent of Radiodetection Ltd.