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## SF<sub>6</sub> Leak Detector 3-033-R002

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### Description

DILO is proud to present this tool as the most stable and sensitive negative corona SF<sub>6</sub> leak detector ever made. An advanced microprocessor is the heart of this unit. Its Digital Signal Processing permits better management of the circuitry and sensing tip signal than ever before possible. Additionally, the number of components used in the circuit is reduced nearly 40%, increasing reliability and performance when searching for SF<sub>6</sub> leaks.

The microprocessor monitors the sensing tip and battery voltage levels 2000 times per second, compensating for even the most minor fluctuations in signal. This translates into a stable and depend-able tool in almost any environment. Convenience features have been added to enhance the usability of the 3-033-R002. Seven levels of sensitivity provide an increase of 64 times from level 1 to level 7. Unique Tri-Color LED's show a progressive and wide ranging leak size indication, communicate the sensitivity level, and provide a true voltage indication of battery power level. A tactile keypad controls all functions of operation. A revolutionary new case design gives the user grip and control, and places the visual indicators in direct sight during use.

### Features

- Microprocessor control, with Advanced Digital Signal Processing
- Tricolor visual display of SF<sub>6</sub> leak intensity
- Seven (7) levels of sensitivity provide an increase of up to 64x
- Tactile keypad controls
- Real-time SF<sub>6</sub> sensitivity adjustment
- Battery test function
- Battery voltage indication
- True mechanical pumping provides positive airflow through sensing tip
- Mute feature included
- Cordless and portable
- Carrying case included
- 14" (35.5cm) flexible, stainless probe
- Optional carrying holster
- Three Year Warranty

### Technical Specifications

- **Power Supply:** 3V DC; two "C" cell Alkaline batteries
- **Maximum Sensitivity:** SF<sub>6</sub> @ 0.5 oz/yr. (14g/yr)
- **Operating Temperature:** 30° to 125° F (0°to 52° C)

- **Battery Life:** Approximately 30 hours normal use
- **Duty Cycle:** Continuous, no limitation
- **Response Time:** Instantaneous
- **Reset Time:** One second
- **Warm-Up Time:** Approximately 2 Seconds
- **Unit Weight:** 1.2 lbs (560 grams)
- **Unit Dimensions:** 9" x 2.5" x 2.5" (22.9 cm x 6.5cm x 6.5cm)
- **Fixed Probe Length:** 14" (35.5 cm)