ULTRASOUND ACOUSTIC DETECTOR

KRYPTON-PRO MK III

COMPACT TEST DEVICE FOR PREVENTIVE AND REACTIVE MAINTENANCE

- Currently, energy saving is an important topic in all areas where compressed air systems are used.

- The very detection and elimination of leaks in compressed air systems can save up to 35% of the energy costs associated with the use of the compressor.

- The KRYPTON-PRO MkIII is an ultrasonic leak detector which is based on heterodyne technology to quickly and accurately locate leaks in systems of compressed air, inert gas and vacuum systems in the sound spectrum that is beyond human hearing.

BENEFITS:

With new KRYPTON-PRO, MkIII you:

- Identify and classify leaks in systems of compressed air, gas and vacuum systems and it helps to reduce your energy costs.

- Detect leaks while the equipment is in full operation, thus production shutdown is not needed.

- Find partial electrical discharges and insulation damage to increase your operational safety.

PROPERTIES:

- Highly linear heterodyne oscillator
- Micro-leakage detection range of 6 meters
- Color display showing the instantaneous leakage rate in l/min.
- Recording of measured data in memory with the option of download to a PC
- Multi-stage active filters for stable operation
- Headphone slot suitable for any stereo headphones
- Headphone output protected against short-circuit
- Broadband equalized microphone
- Low power design provides very long battery life
- Developed and manufactured in Slovakia

SIAT SLOVAK INSTITUTE OF ADVANCED TECHNOLOGIES

PROUDLY DEVELOPED AND MANUFACTURED IN SLOVAKIA

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Specification KRYPTON-PRO, MkIII

Type	Heterodyne
Frequency range	20 – 110KHz
Bandwidth	+/- 1KHz
Display	TFT 2,8" 240x320 pix. 32 mil. colors
Operating temperature	0°C to 38°C (32°F to 100°F)
Storage temperature	-40°C to 66°C (-40°F to 150°F)
Weight	180 Gram with battery
Dimensions	117 x 79 x 33 mm (5.8 x 3.1 x 1.3 in.)
Battery	Li-Po, 3,7V
Endurance per charge	10 Hours
Case	Impact resistant ABS plastic
Audio konector	3.5mm stereo jack
Speaker	Magneto-metalic

USAGE

- A multi-function controller is available.

- If there is a leak, the speaker will emit a clear sound.

- It is important that every leak is labeled with a tag.

- The device can be used during full production in halls.

- For higher ambient noise, it is recommended to use headphones.

- Available as a separate device or a set in a case with accessories.