

KRYPTON-PRO MK III

COMPACT TESTING DEVICE FOR PREVENTIVE AND REACTIVE MAINTENANCE

- Energy savings are currently a critical topic in all areas where compressed air systems are used.
- The detection and elimination of leaks in compressed air systems alone can save up to 35% of the energy costs associated with compressor operation.
- The KRYPTON-PRO MkIII ultrasonic leak detector is based on heterodyne technology for rapid and precise localization of leaks in compressed air, inert gas, and vacuum systems within the sound spectrum beyond human hearing.



BENEFITS:

With the new KRYPTON-PRO, MkIII:

- Identify and classify leaks in compressed air, gas, and vacuum systems, reducing energy costs.
- Detect leaks during full equipment operation, eliminating the need for production downtime.
- Check for leaks on machinery, finished products, truck brakes, or railway transport, leaks of hazardous gases, or any technical or medical gases.
- Find partial electrical discharges and insulation damage, thereby increasing operational safety.

FEATURES:

- Small, portable, shock-resistant device
- Color display showing real-time leak rate in l/min or m³/h
- Conversion of measured leaks into financial losses in €, CZK, USD, etc.
- Recording of measured data with the option to transfer to a PC
- Highly efficient detection range for micro-leaks
- Headphone jack suitable for any stereo headphones
- Laser pointer for precise identification even at longer distances
- Multi-stage active filters for stable operation
- Wideband equalized sensor
- Low-power design for extended battery life
- Developed and manufactured in Slovakia



SIAT

SLOVAK INSTITUTE
OF ADVANCED TECHNOLOGIES

PROUDLY DEVELOPED AND MANUFACTURED IN SLOVAKIA

KRYPTON-PRO MK III

COMPACT TESTING DEVICE FOR PREVENTIVE AND REACTIVE MAINTENANCE

Specification KRYPTON-PRO, MkIII

Type	Heterodyne
Frequency range	20 – 110KHz
Bandwidth	+/- 2KHz
Display	TFT 2,8" 240x320 pix. 32 million 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	Built-in battery Li-Po, 3,7V
Battery life per charge	10 Hours
Case	Shock-resistant ABS plastic
Audio connector	3.5mm stereo jack
Speaker	Waterproof magnetic transducer
Laser pointer	Power <1mW, Effective range 10m, Point diameter at 5m: 4mm
Detector sensitivity	0,05l/min. – 30cm, 0,3l/min. – 3m, 2l/min – 14m, 10l/min – 25m

USE EXAMPLE

- A multifunctional controller is available.
- In the event of a leak, the speaker emits a clear sound.
- The leak is visualized on the screen as a bargraph.
- It is important to mark each leak.
- The device can be used during full production in halls.
- For higher ambient noise, it is possible to use headphones.
- Available as a standalone device or as a set in a case with accessories.



Manufacturer:

SIAT s.r.o.

www.siat.tech

Nadrazna 893/50, 958 01 Partizanske, Slovensko

Tel.: +421 910 566 573, e-mail: siat@siat.tech,

BIN: 52514986, TIN: 2121051504, VAT: SK2121051504