PROSARIS™

OL1

OL1

Visually locate leaks
with your smart phone!

Save Time, Energy and Money with **Prosaris** OL1

Simply attach your OL1 to your smart phone or tablet and you are on your way to locate and fix leaks in compressed air and vacuum systems. The Prosaris OL1 makes leak detection and management simple, cost-effective, and efficient even in loud industrial environments.

PROSARIS
OL1

A smart ultrasonic sensor that transforms your phone or tablet into a visual ultrasonic leak detector in compressed air, gas and vacuum systems. The OL1 in conjunction with the Prosaris Leak Management App (Google Play) gives you all the features and tools you need to help you develop an in-house leak management program. Calculate Flow, energy loss, financial and environmental impacts in real-time.

OL1 captures leak data and stores it along with pictures and location tags for easy tracking and record keeping.

OL1 using the smartphone's camera can visually scan a wider industrial area, and directs you to the source of the leak.

Prosaris Leak Locator app can calculate flow, energy loss and Financial and environmental impacts in real-time.

OL1 weighs less than 400 gms or 1lb and fits into a handy case making it the Ultimate Smart Leak Locator.

No special training or trained professionals are needed to find leaks in your facility with the Prosaris OL1.

Prosaris OL1 is a smart ultrasonic tool that offer the benefits of expensive sonic visualizers at the cost of auditory leak detectors.

DEVICE

Dimensions (mm)H x W x L	: 22 x 95 x 95
Weight (gms)	: 300g (including battery)
(lbs)	: 0.7 lbs (including battery)
Operating temperature (C)	: -20°C to +50°C
(F)	: -4°F to +122°F
Storage temperature (C)	: -20°C to +50°C
(F)	: -4°F to +122°F
Charging temperature (C)	: +4°C to +45°C
(F)	: +39°F to +113°F
Pollution degree	: 2
Operating environment	: Wet location
Relative humidity	: 10% to 95% non-condensing
Ingress protection	: Designed to IP54
Warranty	: 1 year
Supported languages	: English

SENSORS

Microphones	: 24 digital MEMS microphones
Frequency Range	: Frequency Range: 10 kHz to 80 kHz
Operating distance	: Operating distance: 0.3m to >50m (1ft to >164ft)
Field of view	: Field of view : 150° ± 5°

ACOUSTIC MEASUREMENT

Measurement range	: 0 dB to 110 dB (frequency independent)
dB gain	: Auto gain adjustment
Frequency selection	: User selection for lower and upper bound
Sensitivity	: Auto sensitivity adjustment
Performance (detection)	: In low noise industrial environment:

- >0.481 lpm at 310 kPag from 4.25m (>0.017cfm at 45 psig from 14')
- >0.935 lpm at 690 kPag from 9.15m (>0.017cfm at 100 psig from 30')

: For higher noise environments:

- >0.481 lpm at 310 kPag from 3.20m (>0.017cfm at 45 psig from 10.5')
- >0.935 lpm at 690 kPag from 5.65m (>0.017cfm at 100 psig from 18.5')

CONNECTIVITY

Connection type	: Cable-connected (USB-C)
Compatible Medium	: Android
Compatible with	: Prosaris Leak Management App (available on Google Play)

BATTERY

Type	: Rechargeable Li-Pol
Rating	: Rated 3.7Vdc, 1.5Ah, maximum charge and discharge temperature 45°C
Life	: 8+ hours
Charging time	: 6 hours
Charging method	: USB-C

SAFETY

General safety:	: UL61010-1, 3rd Ed. 2019-07-19 CAN/CSA No. 61010-1-12, 3rd Ed. 2019-07-19 IEC 61010-1:2010, 3rd Ed. + AMD1: 2016
Electromagnetic Compatibility (EMC)	: IEC 61326-1
Portable Electromagnetic Environment	: CAN ICES-3(A)/NMB-3(A)
FCC	: FCC 47 CFR Part 15, Subpart B – Verification ICES-003 Issue 6 January 2016
Battery	: UL 1642 (except impact test and crush test)

PROSARIS™

SMART LEAK MANAGEMENT PLATFORM

Experience Data-driven

Smart Leak Management!

OL1 is supported by our intelligent **Prosaris Leak Management Platform**

Prosaris Smart Leak Management Platform is a cloud based software that helps to analyze leaks, delegate tasks, manage leak records and generate instant reports that support your eligibility for energy efficiency programs.

PROSARIS
SMART LEAK MANAGEMENT PLATFORM

Develop a Complete
Leak Life Cycle Management

We go beyond just providing ultrasonic leak detectors. Our smart leak management platform is designed to meet the diverse needs of your company. Our cutting-edge technology allows you to not only locate leaks visually but also track and manage their repair effectively. This holistic approach ensures that you have a robust system in place to detect, analyze, and mitigate compressed air leaks, helping you save valuable resources and reduce unnecessary energy expenses.

Consolidate and manage all users, tasks, leak data, pictures and location tags all under one management platform.

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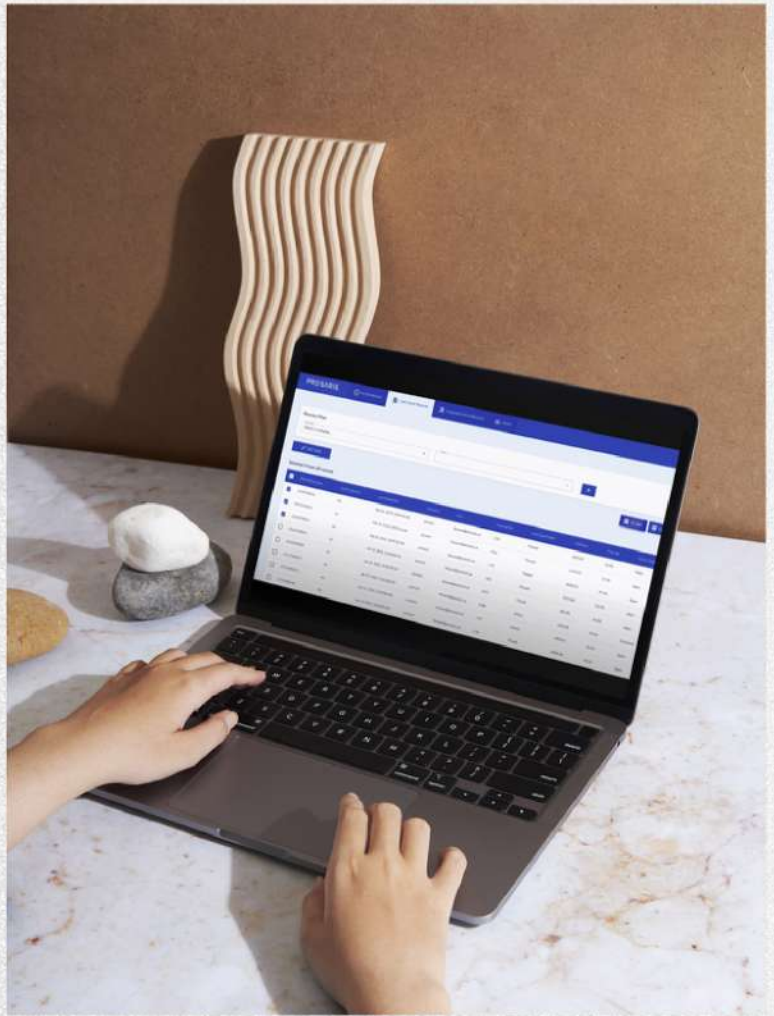
Smart data management system to record and analyze leak event data, as well as support corrective actions.

Our Leak Management Platform is designed to be simple and customizable for your needs.

Analyze leak data and generate audit reports and present leak repair data in a formats which supports energy efficiency programs.

PROSARIS
SMART LEAK MANAGEMENT PLATFORM

	BASIC	COMPANY	SUPER COMPANY
Online management of User records.	✔	✔	✔
View and edit all personal records from App.	✔	✔	✔
Manage user profile, change password.	✔	✔	✔
View and edit assigned actions.	✔	✔	✔
Charts and dashboard data for personal records.	✔	✔	✔
Add and manage multiple users.	-	✔	✔
Manage all Company devices, incl. location and usage data.	-	✔	✔
Assign actions to team members.	-	✔	✔
View and update all team records.	-	✔	✔
View charts and dashboard data for all team member records	-	✔	✔
Define team permissions and roles.	-	✔	✔
Customize record data entry to supports consistent records.	-	✔	✔
Present Company data in format to support incentive programs.	-	✔	✔
Manage multiple facility locations.	-	-	✔
Compare Company facility performance.	-	-	✔
Executive level dashboard and KPIs.	-	-	✔
Define Company permissions and roles.	-	-	✔
Customize critical record data entry.	-	-	✔

Note : Basic User licenses are provided at No Charge, within the Company Platform, and can be added by your Company Admin

Something for **Everyone!**

Whether you are just starting out on Leak Management or aiming to optimize your leak management process to be efficient, Prosaris has smarter solutions for you. Elevate your leak management game and experience the benefits of cutting-edge technology tailored to your requirements.

PROSARIS™

SMART LEAK TAGS

AIR LEAK FOUND

ID# AAA00688

PROSARIS

Smart and Simple!

Store Essential Leak Data

Simplify Leak Repair with **Prosaris Smart Leak Tags!**

Prosaris Smart Leak Tags are cutting-edge NFC tags that deliver real-time, actionable insights, simplifying the process of identifying, prioritizing, and resolving leaks efficiently. Transform your leak management approach today with Prosaris Smart Leak Tags.

PROSARIS
SMART LEAK TAGS

Streamline Leak Management
with **Prosaris Smart Leak Tags**

Gain a complete closure of the Leak Lifecycle Management with Prosaris Smart Leak Tags. The cutting-edge NFC tags revolutionize leak management by providing real-time, actionable insights, making it easier than ever to identify, prioritize, and resolve leaks efficiently. Say goodbye to complex and time-consuming leak repairs - discover the power of Smart Leak Tags today!

With simple tag installation and integration, you can effortlessly track and monitor leaks across your facility, ensuring efficient management and resolution.

NFC enabled Tag allows a link directly to the leak record of a Leak Tag #. Leak Tag # and Field Tag will have connected unique ID.

Includes authorized and controlled access for all company and basic users under the structure of the Company or Super Company

Customized Smart leak tags can be used to personalize the tags to reflect your colours, logo and information.

Interested in Prosaris Smart Products?

Sales

For sales related general enquiries and deals.

📞 **+1 902 800 7947 (ext.1)**

✉️ sales@prosaris.ca

Support

For dedicated customer support and technical questions

📞 **+1 902 800 7947**

✉️ support@prosaris.ca

Committed to Sustainable Productivity

Let's change the world, **One Leak at a Time!**

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time. This is what we call – Sustainable Productivity.

Words cannot describe how easy and simple it is to locate leaks. But our Virtual Demo surely can!

BOOK LIVE DEMO

PROSARIS

PROSARIS™

SMART LEAK MANAGEMENT SOLUTIONS

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