

## Introducing the eRaptor 2.0: Elevating Leak Detection for Exposed Geomembrane Liners

The next generation of arc testers has arrived, and it's redefining how professionals approach leak detection on exposed geomembranes. The **eRaptor 2.0** takes the lead with enhanced technology and a robust, user-centric design, providing the perfect balance of **comfort, efficiency, and quality**.



### Why does the eRaptor 2.0 matter?

As an industry professional, you likely already have leak detection equipment. But how often have you found it **clunky, fragile, or poorly designed**? Traditional gear can be cumbersome, prone to damage, and often doesn't hold up on demanding job sites. This is where the eRaptor 2.0 comes in—a heavy-duty, well-engineered solution that not only meets your professional needs but goes above and beyond to improve your work experience.



Like the saying “**happy wife, happy life,**” the same holds true in the field—**happy technicians produce better results.** When technicians are equipped with tools that are easier to use, more reliable, and thoughtfully designed, the entire workflow improves. With the eRaptor 2.0, your team can experience less frustration and more efficiency, leading to **higher-quality work, a stronger reputation, and an elevated standard in the leak detection industry.**

The **eRaptor 2.0** addresses many of the pain points that professionals encounter. It's **lighter** than the previous model, yet even **more robust**, designed to endure the toughest environments. Setup is quick and seamless—**under 15 seconds**—so technicians can start their inspections without delay. The user-friendly **menu interface, customizable settings,** and features like **adjustable alarms, sensitivity, and power** provide full control without overwhelming complexity. And let's not forget the **12-hour battery life**—far exceeding typical devices, meaning less downtime and more productivity. Finally, eRaptor 2.0 offers a wide range of electrodes, including the **new Neoprene electrode accessory** designed for large or wrinkled surfaces, all easily attachable in seconds.



### **Comfort and Safety at the Core**

The **safety grounding plugin** and **safety grounding lock** prevent common issues like accidental disconnection, a lifesaver on busy job sites where cables can easily get caught. Additionally, the **completely non-conductive components** (except the HV parts) make the eRaptor 2.0 a safer choice for professionals who can't afford to take risks with their equipment.

## Precision for Every Job

Perhaps most importantly, the eRaptor 2.0 doesn't just make life easier—it **elevates the quality** of leak detection itself. With **active GPS tracking** and **automated report generation**, backed by **RTK GPS compatibility** with 2 cm (0.79 in) precision, the device guarantees pinpoint accuracy, even on massive projects. An experienced technician can cover up to **10,000 m<sup>2</sup>** (107,600 sq ft) per day, providing reliable, comprehensive leak detection in record time.

## Automated Report Sample

The image displays a sample of an automated leak detection survey report, presented as three pages. The first page (1/3) contains project details: Project Name (EliS Technologies Test), Location (Building n. 4, Magneta 15, 84005, Bratislava, Slovakia), Liner Type (PVC 15 mm), Contractor (ELIS TECHNOLOGIES LIMITED, 2H Upper Pembroke Street, Dublin 2 D02 X365, Ireland), Technician (Tomas Gregor), Date of the Survey (02.11.2022 10:46), and Device Used (eRaptor by ELIS TECHNOLOGIES LIMITED). It also shows a distance of 220.92 m, 2 leaks detected, and a positioning precision of CM. A survey map is included with two numbered markers (1 and 2) indicating the locations of the discovered leaks. The second page (2/3) provides a detailed description of the survey performed, including the background, a picture of the survey site, and the results of the survey. The third page (3/3) shows pictures of the discovered leaks, with two images labeled 1 and 2, and a section for the technician's comments, which is currently empty.

## Conclusion

In short, the **eRaptor 2.0** is more than just an upgrade—it's a game changer for professionals who demand more from their equipment. By prioritizing **comfort, efficiency, and quality**, this device delivers better results, more productive teams, and ultimately, a higher standard for the entire industry.

Are you ready to elevate the standard of leak detection in the industry? The **eRaptor 2.0** brings tools that enhance efficiency and precision for everyone involved, from technicians in the field to project managers overseeing critical operations. It's about raising the bar for accuracy, safety, and reliability across the board.

For more information, feel free to reach out to **Matej Turjanik**, Head of Global Markets. He's happy to assist with any questions you may have. Contact him at [matej.turjanik@elis.tech](mailto:matej.turjanik@elis.tech) or connect with him on LinkedIn: <https://www.linkedin.com/in/matejturjanik/>

