



## Product description

The eRex is an ultra-portable Arc-Tester designed for detecting leaks in exposed geomembranes, roofs, pools, and pipeline systems. With its lightweight construction (650 g), quick setup (magnetic electrode connectors), and intuitive operation (single-button control), the eRex offers a reliable solution for professionals in roofing, waterproofing, pipeline installations, and pool maintenance.

## Key features

1.

### Compatibility with various materials

PVC, TPO, HDPE, LDPE, bitumen, rubber, and other non-conductive surfaces (up to 7 mm thick).

2.

### Quick setup

Magnetic connectors for electrode attachment and simple one-button operation.

3.

### Built-in battery

Built-in 2 Ah battery with over 1.5 hours of runtime per charge, rechargeable via USB-C.

4.

### Safe operation

Designed to prevent electric shock during use; includes grounding verification.

5.

### Lightweight and portable

Only 650 g with a robust, durable body.

6.

### Visual signaling

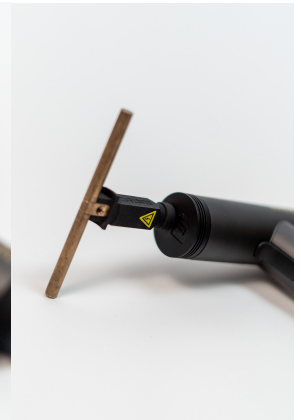
Alerts for detected leaks through graphical and light indicators.



Brass brush



Weld tester



T-electrode

## Application areas

### Roofs

- Rapid detection of leaks in non-conductive waterproofing layers (PVC, TPO, EPDM, bitumen, EVA / EBA, FPO).
- Inspection of critical areas such as parapets, valleys, penetrations, and other sensitive points.
- Prevention of extensive damage to roofing structures.

### Pools

- Accurate identification of damages in pool liners (PVC, TPO, EPDM) and epoxy/PU coatings in concrete pools.
- Reliable leak testing before filling with water and during maintenance.
- Easy inspection in complex joints and hard-to-reach areas.

### Pipelines

- "Holiday/Pinhole" detection of pores and micro-cracks in protective coatings (epoxy, polyurethane, PE).
- Prevention of corrosion and leaks of liquids or gases.
- Quick and efficient deployment in the field.

### Geomembranes

- Inspection of seams and details with accessories (seam weld tester) on thicknesses up to 7 mm (HDPE, LDPE).
- Ideal for checking critical areas, inlets, and penetrations.
- Prevention of leaks and environmental damage (landfills, reservoirs).



Technical specifications

• Name	eRex
• Weight (device)	300g
• Dimensions (device)	200mm x 120mm x 125mm
• Battery capacity	2,000mAh
• Battery life (single charge)	90 min
• Charging	5V / 1A
• USB-C charging	Yes
• Grounding	6m cable
• Protection	Grounding control
• Ergonomics	Lightweight, hand-conforming grip

Accessories

Included	Name	Weight
	• T-electrode	100g
	• Brass brush	100g
	• Weld tester	60g
	• USB-C cable 20cm	8g
	• Fixing bolt	5g
	• eCable 6	130g
	• Protective case	160g
Optional	• eCable 150	2,920g
	• Marker 15mm	20g
	• Large refill for markers	100g
	• Replacement tips for markers 15mm	25g

Certifications and approvals

- **ASTM Standards:**  
D7953  
D7240
- **EN Standards:**  
EN 61010-1:2010 / A1:2019 / AC:2019-04  
EN 61010-031:2015  
EN IEC 61010-2-034:2021 / A11:2021  
EN 16326-1:2013  
EN 55011:2016 / A1:2017 / A11:2020
- **CE Approved**
- **RoHS Compliant**

Packaging dimensions and weight

- **eRex:** 170 mm x 170 mm x 75 mm 780 g
- **eCable 6:** 165 mm x 115 mm x 50 mm 170 g
- **Weld tester:** 185 mm x 110 mm x 25 mm 85 g

Conclusion

The eRex is a reliable and versatile device designed for rapid leak detection and quality control of welds and coatings. Its lightweight portability, intuitive operation, and safe performance make it an ideal choice for professionals across various sectors, including roofing systems, pools, pipelines, and geomembranes.

