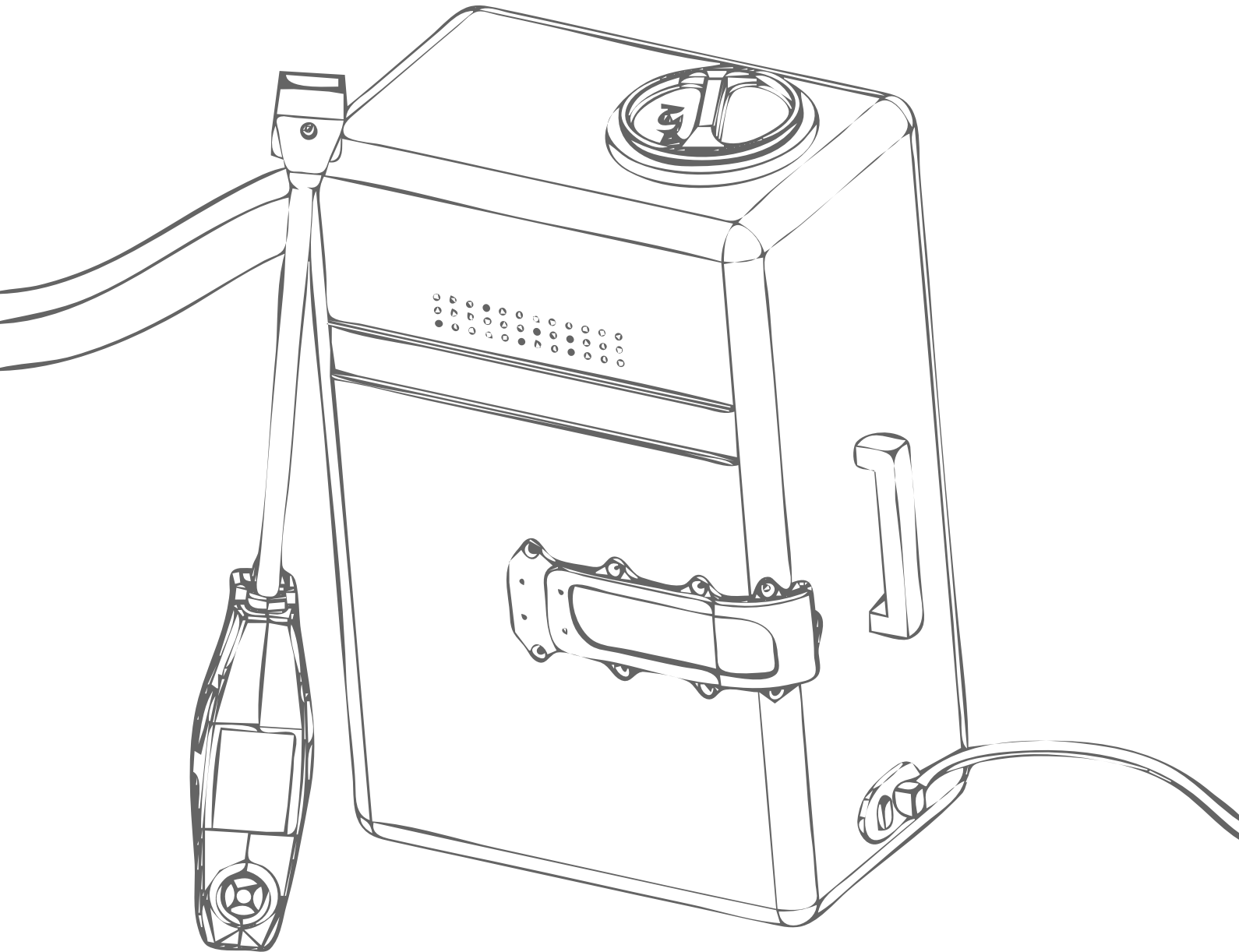


# pLEV™

Portable, precise, protective air cleaning

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Product guide

Version: Av1

## What is pLEV™?

pLEV™ (portable Local Exhaust Ventilation) is used for safe and effective cleaning of electrical cabinets.

pLEV™ failsafe technology:

- Prevents unsafe use of compressed air
- Captures dust instead of relocating it
- Reduces risk of operator exposure to dust



Engineered technology that captures dust and reduces operator risk

## pLEV™ Products

The pLEV™ system works by first sealing the electrical cabinet, then creating a negative pressure environment inside the cabinet with the extraction unit. Once negative pressure is achieved, the operator can safely dislodge dust using one of our pressurised air tools.



### pLEV™ Cover

Lightweight, durable covers for sealing the cabinet and eliminating the risk of dust exposure.

### pLEV™ SmartLance

Use compressed air or pLEV™ Extractor exhaust air to dislodge dust inside the cabinet.

### pLEV™ Extractor

Safely extract airborne dust in the sealed electrical cabinet through this portable, compact filtration unit.

Employ a dust control system that eliminates operator exposure

## Guide to our product range

The pLEV™ product range can be purchased separately. It is recommended that the system be purchased as a kit for features such as device pairing to be available.

### 1. Contact us for a pre-assessment of your cleaning application.

The pLEV™ system must be tailored to the contaminant type and geometry of the electrical equipment that needs cleaning.



### 2. We produce tailored pLEV™ Covers for your application.

The correct fit of cover to cabinet is essential for optimal sealing. We assess the size of the cabinet in question and produce covers with appropriate dimensions.

### 3. Purchase an extraction unit.

The extraction unit is used to create a negative pressure environment required for safe use of pressurised air.



### 4. Select a pLEV™ SmartLance model that suits your task.

Choose a pressurised air supply tool for dislodging dust in the cabinet. Our range features both tools that use compressed air and compressed air alternatives.

## Enquire now

Visit the website to contact sales or the pLEV™ development team.

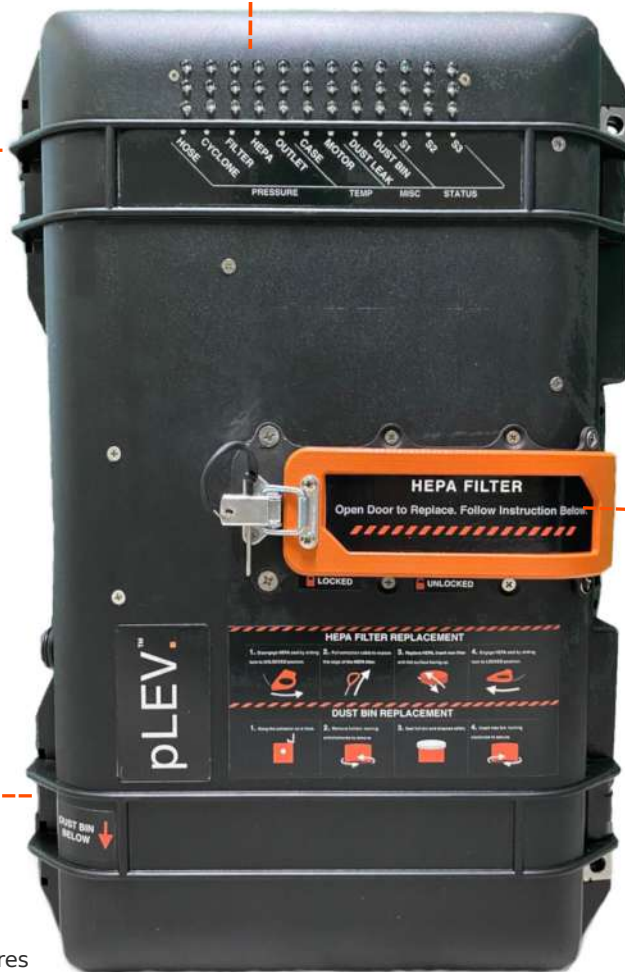
[plev.com.au](http://plev.com.au)

# pLEV™ Extractor

The pLEV™ Extractor safely extracts airborne dust created through the electrical cabinet cleaning process.

**Secure carry harness**  
When transporting the device, the operator can maintain three points of contact.

**LED panel shows system status, warnings & errors**  
If anything goes wrong during a clean, red LEDs will alert the operator to the problem.



**HEPA-rated filter**  
Captures up to 99.95% of respirable dust. Complies with HEPA 13 requirements.

**Dust sensor at outlet**  
Triboelectric sensor ensures that outlet air is clean. Detects filter blow-through.

**Cyclone dust bin**  
Collects heavy dust in bin container.

## Technical Specifications

<b>Supply voltage</b>	240 V <sub>AC</sub>
<b>Rated temperature</b>	-20 to 80 °C
<b>Max power</b>	2.15kW
<b>Mass</b>	13 kg
<b>Dimensions</b>	560 mm (H) x 360 mm (W) x 280 mm (D)

## pLEV™ SmartLance HP

The pLEV™ SmartLance HP (high pressure) enables the controlled application of compressed air in a negative pressure environment. Compressed air supply pressure, cabinet pressure and air quality are measured and logged in real-time creating an audit trail.

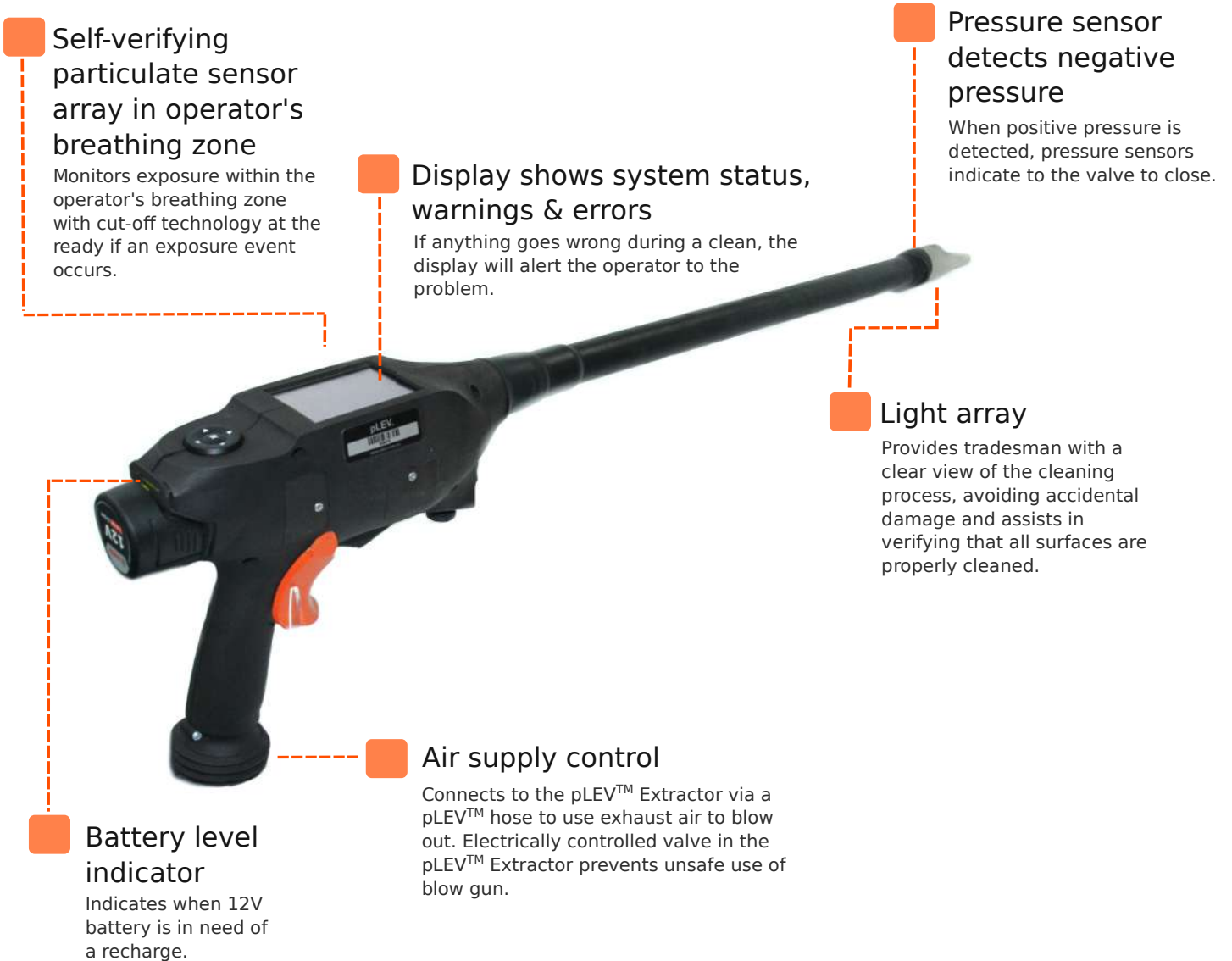


### Technical Specifications

<b>Supply voltage</b>	7 to 13 V <sub>DC</sub>
<b>Rated temperature</b>	-20 to 80 °C
<b>Rated supply pressure</b>	Max. 1 MPa
<b>Mass</b>	1.5 kg
<b>Dimensions</b>	200 mm (H) x 780 mm (L) x 75 mm (D)

## pLEV™ SmartLance EX

The pLEV™ SmartLance EX (exhaust) is an alternative to traditional compressed air cleaning of electronics. The pLEV™ SmartLance EX uses the exhaust air of the pLEV™ Extractor to dislodge dust in the cabinet. Cabinet pressure and air quality are measured and logged in real-time creating an audit trail.



### Technical Specifications

<b>Supply voltage</b>	7 to 13 V <sub>DC</sub>
<b>Rated temperature</b>	-20 to 80 °C
<b>Mass</b>	1 kg
<b>Dimensions</b>	200 mm (H) x 780 mm (L) x 75 mm (D)

## Order process

pLEV™ applications can differ considerably. Adapting pLEV™ for your application is done via consult to ensure the system works as designed.

### Site assessment

Provide us with photos and drawings of the equipment needing to be cleaned.

If required, specialist pLEV engineer/s will travel to the client site and collect further data.

### Quote

We provide a fixed price quote for the pLEV system on receipt of an order.

### Delivery, training and support

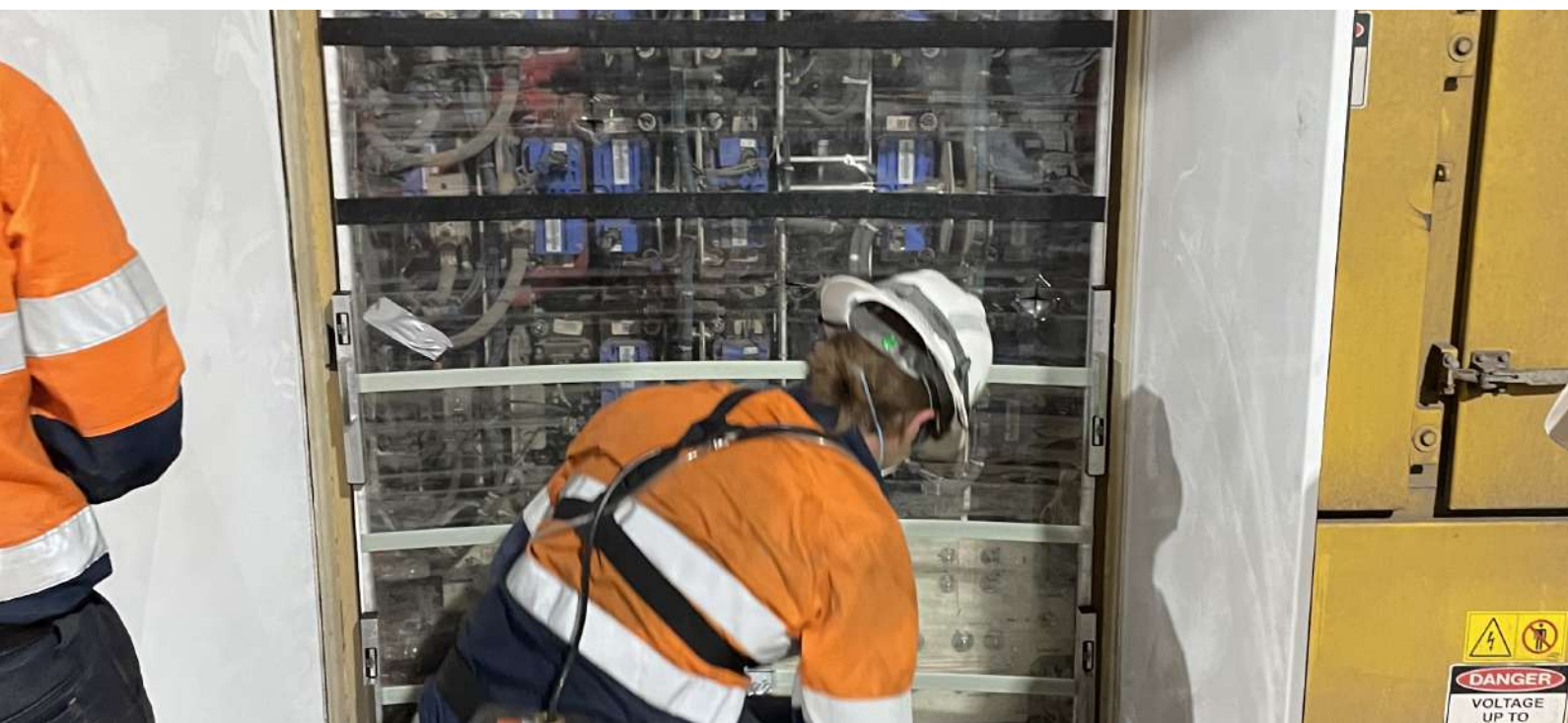
pLEV system will be brought to your site and training undertaken.

Comprehensive product support is provided for 12 months after delivery.

## Applications

We create solutions across many industries. **Get in touch to see if pLEV™ can help you.**

- Mine sites
- Commercial & residential property
- Drilling
- Geological exploration and construction drilling







Designed, developed and  
manufactured in Australia

## Enquire now

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