

# ELEMENT PRO

## User Manual

by **Elemental Extractor**



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## 1. UNPACKING & SETUP

- Open the Element PRO shipping carton carefully. Keep the engineered container for future shipping.
- Remove the two inner boxes containing the kettle, lids, and power cord.
- The Element PRO base unit is heavy (38 lbs); a second person is recommended for lifting.
- Keep the tubing connections supported during removal—do not stretch, pull, or pinch tubing.
- Level the base unit using a carpenter's level.
- Connect the power cord directly to a wall outlet. (Do not use an extension cord.)
- Turn the rear power switch ON and confirm the green Start/Stop button illuminates.
- Program elevation (see Altitude Tuning).



## 2. PACKAGE CONTENTS

### Included:

- Element PRO Base Unit
- High-Current Power Cord
- Kettle
- Kettle Lid
- Kettle Lid Holster
- Spit Jar



### 3. SYSTEM COMPONENTS

#### Kettle Electrical Connection

The kettle locks into the power port with a positive “click.” If not fully inserted, heating will not occur.

#### Lid Holster

Stores the kettle lid safely when not in use.

#### Spit Jar

Collects distilled ethanol expelled during pumping. Empty before every run.

### 4. CONTROLS — KETTLE & LID

The Element PRO features a simple one-knob + one-button interface.

#### EXTRACT MODE (Red Range)

- Heat: Manually controlled
- Temp Range: 96°F – 105°F
- Vacuum: Controlled automatically by microprocessor

#### PURGE MODE (Green Range)

- Heat only; no vacuum
- Temp Range: 80°F – 120°F
- Optionally use an external vacuum pump with the purge lid

#### Glass Vacuum Lid

Allows full visibility during extraction.

### 5. ALTITUDE TUNING

Set elevation within  $\pm 1000$  ft for optimal vacuum performance.

1. Plug in machine until green button lights.
2. Hold green button for 10 seconds.
3. Button flashes rapidly 10 times.
4. Press button once per 1000 ft elevation.
5. Machine confirms with identical flash count.





## 6. USING ELEMENT PRO

### — EXTRACT MODE

#### Step 1: Prepare Tincture

Shake well and aerate for 1 minute.  
Ensure kettle connectors are fully engaged.

#### Step 2: Start Extract Mode

Turn knob into Red Zone.  
Press Start/Stop once.

#### Step 3: Vacuum Seal Check

Ensure system seals properly.  
Ensure kettle lid is held by vacuum.

#### Step 4: Extraction Progress

Bubbling should begin quickly.  
Ethanol is collected during the process.

#### Step 5: When to Stop

User must manually stop when desired consistency is reached.

#### Step 6: Harvesting

Remove kettle lid  
Slide kettle forward  
Scrape extract with **silicone spatula**

## 7. USING ELEMENT PRO

### — PURGE MODE

Hot Plate Mode (No Vacuum)  
Used for final ethanol removal.

Vacuum Oven Mode (With External Pump)

Requires:

Element PRO Purge Lid  
Oil-less diaphragm pump  
Cold Trap (if using lubricated pump)

Place concentrate on silicone mat or heat-safe container.  
Never place directly onto kettle surface.

## 8. CARE & CLEANING

Kettle & Lid

Clean kettle with non-abrasive detergent  
Clean lid & seals with 99% isopropyl alcohol  
Never submerge kettle  
Avoid metal tools—use silicone only

Drain Internal Tubing (If storing machine)  
Run vacuum for a few seconds while tilting unit side-to-side.

## 9. TECHNICAL SPECIFICATIONS

- Power: 100–130 VAC, 50–60 Hz
- Consumption: 650W @ 120 VAC
- Heating Range: 96–110°F extract, 80–120°F purge
- Altitude Range: Sea level – 8000 ft
- Dimensions: 24" W × 23" D × 14" H

Weight: 38 lb



## 10. TROUBLESHOOTING

### Cannot Achieve Vacuum

Check lid seals  
Ensure kettle is fully clicked in

### No Bubbles / Not Boiling

Wrong ethanol  
Altitude incorrectly set  
Dial not in Red Zone

### Slow Boil

Ambient temperature above 75°F  
Tincture not aerated

### Aggressive Boil

Lower temperature  
Set altitude 1000 ft higher

### Continuous Pumping

Vacuum leak  
Check seals  
Pumps may need replacement

## 11. WARRANTY

This machine includes a 90 day limited warranty period, and a return period of 14 days against manufacturing defects.

Warranty does NOT cover:

Wear and tear  
Damage from misuse  
Unauthorized repairs  
Non-authorized sellers

### Warranty service requires:

Email: [info@elementalextractor.com](mailto:info@elementalextractor.com)  
RMA approval before returning unit  
Authorized sellers list will be provided on the website.

## 12. OPERATIONAL SAFETY GUIDELINES

- Use only food-grade, non-denatured ethanol
- Keep ethanol away from heat or open flame
- Ensure all components are properly managed during operation
- Keep all electrical areas dry
- Do not operate if any part is damaged
- Must have spit jar attached during use
- Place unit on a stable, non-slip surface
- Some botanical extracts may be hazardous—research before use

### Customer Support

- Phone: (720) 900-1174
- Email: [info@elementalextractor.com](mailto:info@elementalextractor.com)
- Website: [www.ElementalExtractor.com](http://www.ElementalExtractor.com)

