

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 top cardboard tray containing holsters and set aside.
- Remove the two inner boxes containing the kettle, lids, jars, 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.
- Install the Kettle Lid Holster using a Phillips screwdriver.
- Place the kettle lid into the holster for safe storage.
- Install the Reclaim Jar Holster (if using the 64 oz reclaim collector).
- Attach the spit jar to the pre-connected tube.
- 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
- Reclaim Collector (64 oz standard / 1-gallon optional)
- Reclaim Collector Jar Holster (for 64 oz jar)
- 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.

Reclaim Collector

Captures and recycles purified ethanol in either:

- 64 oz wide-mouth jar (standard), or
- 1-gallon stainless container (optional).

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 ± 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 reclaim lid seals properly.
- Ensure kettle lid is held by vacuum.

Step 4: Extraction Progress

- Bubbling should begin quickly.
- Ethanol accumulates in reclaim jar.

Step 5: Empty Reclaim Jar (if needed)

Required only when processing more than 1750 ml.

Step 6: When to Stop

User must manually stop when desired consistency is reached.

Step 7: 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

Reclaim Collector

- Replace seals as needed
- 1-gallon lid seal same as kettle seal

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
- Check reclaim lid seal

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
- 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
- Always empty reclaim jar before it overflows
- 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
- Website: www.ElementalExtractor.com

