CANNABIS EXTRACTION CONTROL

From Start to Finish with Unitronics

Start with Raw Biomass, Finish with High-Quality Extracts –
Be Ahead of the Competition.

Our complete line of rugged PLCs, HMIs & VFDs integrate powerful functionality with simple implementation - Everything you need to control and automate extraction processes.

- ✓ **PLCs:** Multi-function high-performance, robust control
- ✓ **I/Os:** Digital, analog, temperature, weight
  - » High speed counter & encoder inputs
  - » High speed PWM & PTO outputs
- ✓ **VFDs:** Control motor torque & speed for any task
- ✓ **Recipes:** Ensure precise, highly accurate & repeatable processes
- ✓ **Full HMI** functionality
- ✓ **Award-Winning ALL-IN-ONE SOFTWARE for all products:** Setup, Configuration & Programming

PRECISE, HIGHLY ACCURATE & CONSISTENT PROCESSES
• PLC • HMI • I/O • VFD • ONE PROGRAMMING SOFTWARE •

UNITRONICS®

TRACK & TRACE PLATFORM SUPPORT

Our easy to use data tools enable production batch management: Organize, manage & transfer data to aid in regulatory compliance.

- ✓ Assign unique barcodes / digital identifiers to your products
- ✓ Log product details: Production batch, ingredients, potency results & more
- ✓ Direct Cloud data transfer via MQTT, SQL, FTP

COMPLIANCE
- » UL
- » IP66 (Panel)
- » FDA – 21 CFR part 11
- » NEMA 4X

BOOST PROFIT & CUT COSTS

Unitronics products protect your most valuable resource: **TIME**

- » **Work faster & more efficiently than ever before:** Slash your development time by 50%!
- » **No need to skip between programs:** Configure all hardware & communications, develop at top speed, design HMI screens & Web pages, **in one simple environment**
- » **Recipe – Quick & Easy:** Pressure / temperature extraction for solvents, super-critical CO_2, super-cooled ethanol, dewaxing, winterizing, decarboxylation, vacuum-drying, centrifuging, sonication, microwaving—eliminate operator error
- » **VFDs – Easy to program:** Configure & operate using the same, efficient software as the PLC & HMI
- » **Benefit from Build-it-Once, the ultimate time saver:** Reuse Library for Functions, HMI, & Web pages
- » **All Unitronics Software, Utilities, & Support:** Provided at no additional charge

SHATTER   OIL   ROSIN

NEVER LOSE TOUCH – 24/7 CONNECTIVITY

- ✓ **Remote Access:**
  Monitor your operation via web browser from your PC, tablet, or mobile phone.

- ✓ **Alarms & Alerts - Built-in:**
  Catch problems early! Unitronics' built-in Alarms alert users via email or SMS text message, when a problem occurs

- ✓ **Cloud Connectivity:**
  Leverage your operation via Industry 4.0 or IOT technologies such as MQTT, SQL & more

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About us

Unitronics products have automated extraction processes for over three decades.
Our broad range of award-winning controllers, color touch-screens, I/Os & VFDs offer products to suit any size extraction operation.
All crucial tasks are easily programmed in our incredibly efficient award-winning software & unmatched technical support—personalized expert support, end-to-end, to optimize all operations.