Tennad

*Supercritical Extraction for All*

# EasyOne Extractor

Anton 100 ml — Easy One 125 ml — Easy One 250 ml — New Models coming

## Avantages

**Ease of use:** Fully automatic R&D machine. The user sets pressure, temperature, and extraction time, then starts the process.

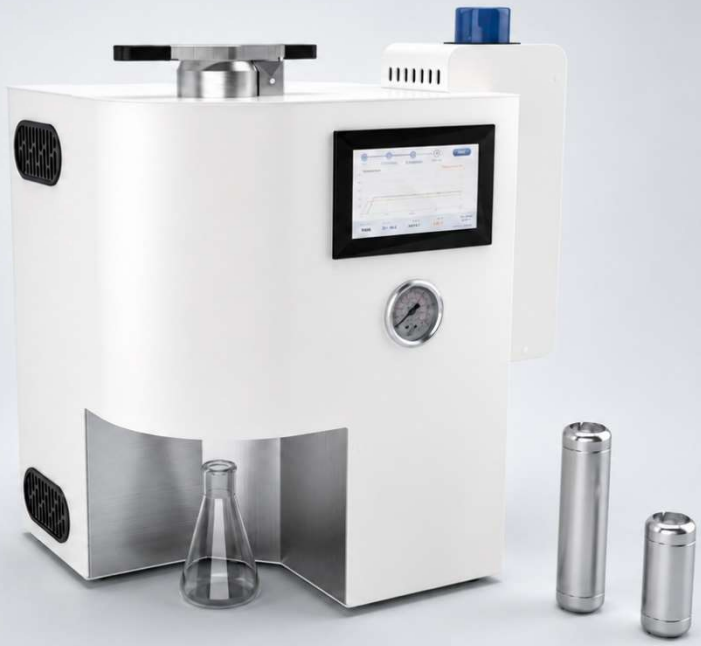
**Precision and control:** Touchscreen interface for easy control and monitoring of temperature and pressure, up to **350 bar** and **95°C**. This allows quick testing of pressure/temperature combinations to compare selectivity and optimize extraction parameters.

**Sample preparation:** Enables static supercritical $CO_2$ extraction before chromatographic analysis such as GC-MS, GC-O, HPLC, or LC-MS. Useful for building aromatic profiles or comparing chemical signatures.

**Application versatility:** Suitable for proof-of-concept studies and screening of P/T extraction conditions. EasyOne can also be used for maceration, impregnation, thermal cycles, and solubility studies under supercritical conditions.

## Applications

Solubility studies
Extraction
Maceration
Impregnation
Thermal cycling



05-2026

Contact the TENNAD team to design a solution:
**contact@tennad.com**

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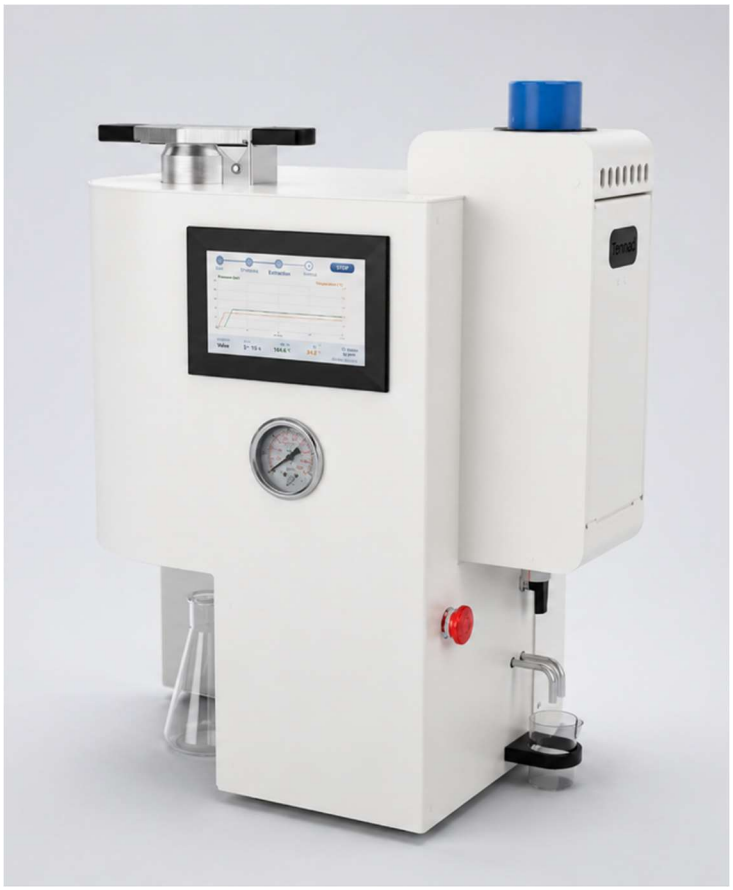
## Compact R&D System for Supercritical $CO_2$:

EasyOne is a compact, fully autonomous R&D extractor for supercritical $CO_2$ experiments. It offers a simple way to explore $CO_2$ extraction in teaching, analytical and research laboratories.



## Precise Control for Fast Screening:

EasyOne automatically controls pressure, temperature and extraction time. Users can quickly screen P/T conditions, compare selectivity and identify suitable parameters for a given biomass.

## Easy Operation and Laboratory-Scale Design:

A touchscreen HMI simplifies operation and parameter monitoring. EasyOne is available with **125 mL** or **250 mL** baskets, with an automatic cleaning cycle for easier routine use.

## Wide Range of R&D Applications:

EasyOne supports R&D screening, solubility studies, static $CO_2$ extraction, static $CO_2$ treatment, maceration, $CO_2$ assisted impregnation, thermal cycling and feasibility testing. A co-solvent may also be used depending on the application.

## Sample Preparation for Chromatographic Analysis:

EasyOne can prepare extracts before GC-MS, GC-FID, GC-O, HPLC or LC-MS analysis. It helps generate clean, concentrated and reproducible extracts for aroma profiling and chemical fingerprinting.

## A Simple Tool to Compare and Validate $CO_2$ Processes:

EasyOne helps users move from first trials to validated extraction conditions through fast P/T screening, controlled operation and reproducible results within one compact system.

**Automatic R&D extractor ideal for static $CO_2$ extraction, fast P/T screening, and sample preparation in laboratories and education.**

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