SHIMADZU
Excellence in Science

HEMP ANALYZER

The Shimadzu Hemp Analyzer – a complete turnkey HPLC analyzer for quantitative determination of CBD and other cannabinoids in hemp

❖ Comprehensive package for the analysis of hemp

The Shimadzu Hemp Analyzer captures the spirit of an Analyzer – a comprehensive package integrating instrument hardware, software, consumables, and analytical workflow. Includes a certified reference material (CRM) mixture of target compounds. Also includes a service package to cover preventive maintenance and warranty for three years, plus free technical support for the life of the product. The solution is ready to use after one day of installation and testing, and requires no time-consuming method development on the part of the analyst.

Target Compound List	
d9-THC	d9-Tetrahydrocannabinoid
d8-THC	d8-Tetrahydrocannabinoid
THCA	d9-Tetrahydrocannabinolic acid
THCV*	Tetrahydrocannabivarin
CBD	Cannabidiol
CBDA	Cannabidiolic acid
CBDV	Cannabidivarin
CBG	Cannabigerol
CBGA	Cannabigerolic acid
CBN	Cannabinol
CBC	Cannabichromene
*THCV is not included in the 10-component mix	

❖ Turnkey HPLC Analyzer

The package is designed for cannabinoids determination through quantitation of the active constituents. It includes all required hardware, software, consumables, and analysis workflow so the analyst is running samples in the shortest possible time.

❖ Provides Quick and Easy Answers
 - How much CBD and THC?
   (Hemp generally contains less than < 0.3% THC)

❖ Choice of 3 Proven HPLC Methods

Three proprietary instrument methods to meet your analytical objectives. No need to spend valuable lab time developing methods – just run samples.

❖ 3 Years Warranty and Preventive Maintenance

Never worry about whether your analyzer will be fully functional and running samples.

SHIMADZU
3YVP
THREE YEAR VALUE PLAN

❖ High Throughput HPLC Method Package

The High Throughput method is designed for analysis of the 10 most commonly requested cannabinoids in under 8 minutes. This is the original method developed by Shimadzu in collaboration with industry laboratories. (Does not include THCV.)

❖ High Sensitivity HPLC Method Package

The High Sensitivity method adds THCV to the target analyte list, with an instrument cycle time of under 10 minutes. The short analysis time produces the sharpest chromatographic peaks for the best overall sensitivity.

❖ High Resolution HPLC Method Package

The High Resolution method presents full baseline resolution for all 11 compounds and an analysis time under 30 minutes. This method is preferred for research purposes, or when additional compounds must be added to the analysis in response to new state regulatory requirements.

❖ 3 Year Value Plan

The Three Year Value Plan service agreement provides 3 consecutive and continuous years of full warranty coverage following installation, and scheduled Premium Preventive Maintenance visits.

All three analytical method files are included with the Hemp Analyzer. The three Method Packages include all consumables required to run the method: the analytical column, package of 5 guard columns, guard column holders, the CRM standard and mobile phase.

Precautions
1. The Hemp Analyzer includes information and data that have been obtained by Shimadzu Corporation for the purpose of quantitation of cannabinoids hemp extracts. For Research Use Only. Not for use in diagnostic procedures.
2. Customers are responsible for how any results from this analyzer are used.