



# ETHOS X



- Chlorinated pesticides • Semivolatile organics
- PAHs • PCBs • Chlorinated herbicides (phenoxyacid herbicides) • Phenols • Organophosphorus pesticides and chlorinated herbicides • Dioxins and furans
- Petroleum Hydrocarbons

ELEVATED SAMPLE THROUGHPUT

DISPOSABLE VIALS

MINIMUM SOLVENT USAGE

SUITABLE FOR US EPA METHOD 3546 AND ASTM METHOD D5765-05

## ADVANCED MICROWAVE EXTRACTION SYSTEM FOR ENVIRONMENTAL APPLICATIONS

The overall concept of the ETHOS X for environmental applications has been developed to fully comply with the requirements of US EPA and ASTM methods.

This system has been developed by studying the working routine of several thousand contract laboratories around the world performing solvent extraction, with the aim of helping them, by offering an integrated solution able to render their activity easier, faster and safer.

A completely new rotor has been specifically developed by Milestone to fully accomplish the US EPA method 3546 requirements. This new rotor consists of a 24-position carousel, which holds large pressure vessels made of an innovative and unique inert polymer material. At the core of the vessel there is a disposable and inexpensive 100 mL glass vial. A self-regulating pressure cover assures safe operations of the system. Temperature and pressure are monitored and controlled in all vessels by non-contact sensors.

With an installed power of 1900 Watt, the ETHOS X is the most powerful microwave platform system available for extraction.

**Is your Laboratory following US EPA 3546?**  
**Learn more at: [www.milestonesrl.com/environmental](http://www.milestonesrl.com/environmental)**

