

Spe-ed™ SFE-2/4



**Applied
Separations**

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Spe-ed SFE-2

2-Vessel Simultaneous Oven-based Extraction System

The *Spe-ed* SFE-2 is the original SFE in our series of instruments for supercritical fluid extraction. Built in conjunction with the USDA1, this system was designed to meet the rigorous needs of day-to-day use in the research lab. It is simple to operate, fast and affordable, with unique features not found in other SCF systems.

The system features:

- temperatures to 240°C
- pressure up to 10,000 psi (690 BAR)
- pump flow rates up to 400mL/min
- independent control of flow rates to each vessel
- fully-adjustable, non-clogging, variable restrictors
- parallel processing capabilities of 1 or 2 vessels from 5mL to 1.0L
- collection into SPE cartridges or standard glassware
- in-line trapping capabilities
- modifier addition capability
- multiple flow path capability
- extract directly from liquid samples



Spe-ed SFE-4

4-Vessel Simultaneous Oven-based Extraction System

Designed for every day use in the research lab, the *Spe-ed* SFE-4 is easy to use, cost-effective, and durable. The *Spe-ed* SFE-4 has all the advantages of the *Spe-ed* SFE-2 while expanding parallel processing capabilities up to four extractor vessels. This system doubles the processing capability of the *Spe-ed* SFE-2.

The system features:

- temperatures to 240°C
- pressure up to 10,000 psi (690 BAR)
- pump flow rates up to 400mL/min
- independent control of flow rates to each vessel
- fully-adjustable, non-clogging, variable restrictors
- parallel processing capabilities of up to 4 vessels from 5mL to 1.0L
- collection into SPE cartridges or standard glassware
- in-line trapping capabilities
- modifier addition capability
- multiple flow path capability
- extract directly from liquid samples

