

FAST CENTRIFUGAL PARTITION CHROMATOGRAPH[®]

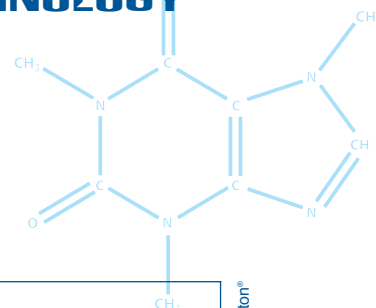


BENCH SCALE FCPC[®] A1000

Preparative instrument
for fractionation and purification
of compounds from :

- > **SYNTHETIC CHEMISTRY**
- > **BIOLOGICAL MATRICES**
- > **NATURAL PRODUCTS**
- > **BIOTECHNOLOGY**

NO SOLID SUPPORT
ZERO SAMPLE LOSS
NO EXPENSIVE SILICA REQUIRED
LOW SOLVENT CONSUMPTION
EXTREMELY VERSATILE
AQUEOUS-2-PHASE SYSTEMS AVAILABLE



TECHNICAL SPECIFICATIONS

ROTOR VOLUME	1000 ml
INJECTION	Up to 30 gr / run
FLOW-RATE	Up to 30 ml / min
ROTATION SPEED	Up to 1000 rpm
MAXIMUM PRESSURE	900 psi
SEPARATION TIME	30 min to 3h
SECURITY	Automatic door lock, explosion proof motor
ADDITIONALS	4 ways switch valve for normal and reversed elution Cooling system All stainless steel body, interchangeable 200 ml rotor

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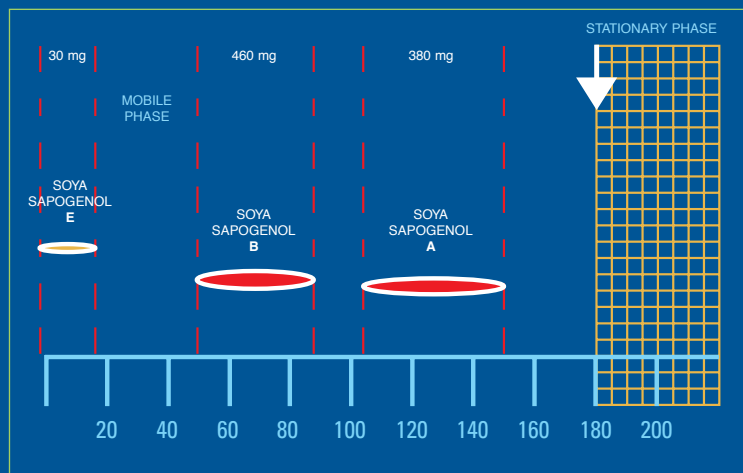
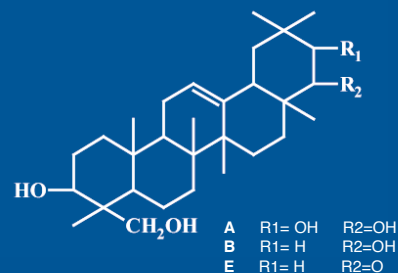


APPLICATION

Large scale isolation of Soya sapogenols reference standards

Source : Planta Analytica R&D Laboratory

The FCPC® purification is very well suited for isolation of multi-gram quantities often needed for pharmacological or clinical studies.



PARAMETERS	
FLOW-RATE	25 ml / min
ROTATION SPEED	1000 rpm
QUANTITY INJECTED	2,3 gr of crude extract
FRACTIONS ANALYSIS	TLC

RESULTS	
EXPERIMENTAL TIME	150 min
SOLVENT CONSUMPTION	1,8 liter
SOYASAPOGENOLS COLLECTED	A : 380 mg B : 460 mg E : 30 mg

**COMPLETE
AUTOMATIC
LINE**

**FOR YOUR
PRODUCTION
NEEDS**



PUMPS (SOLVENT & SAMPLE)

UV DETECTOR

FRACTION COLLECTOR



KROMATON

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