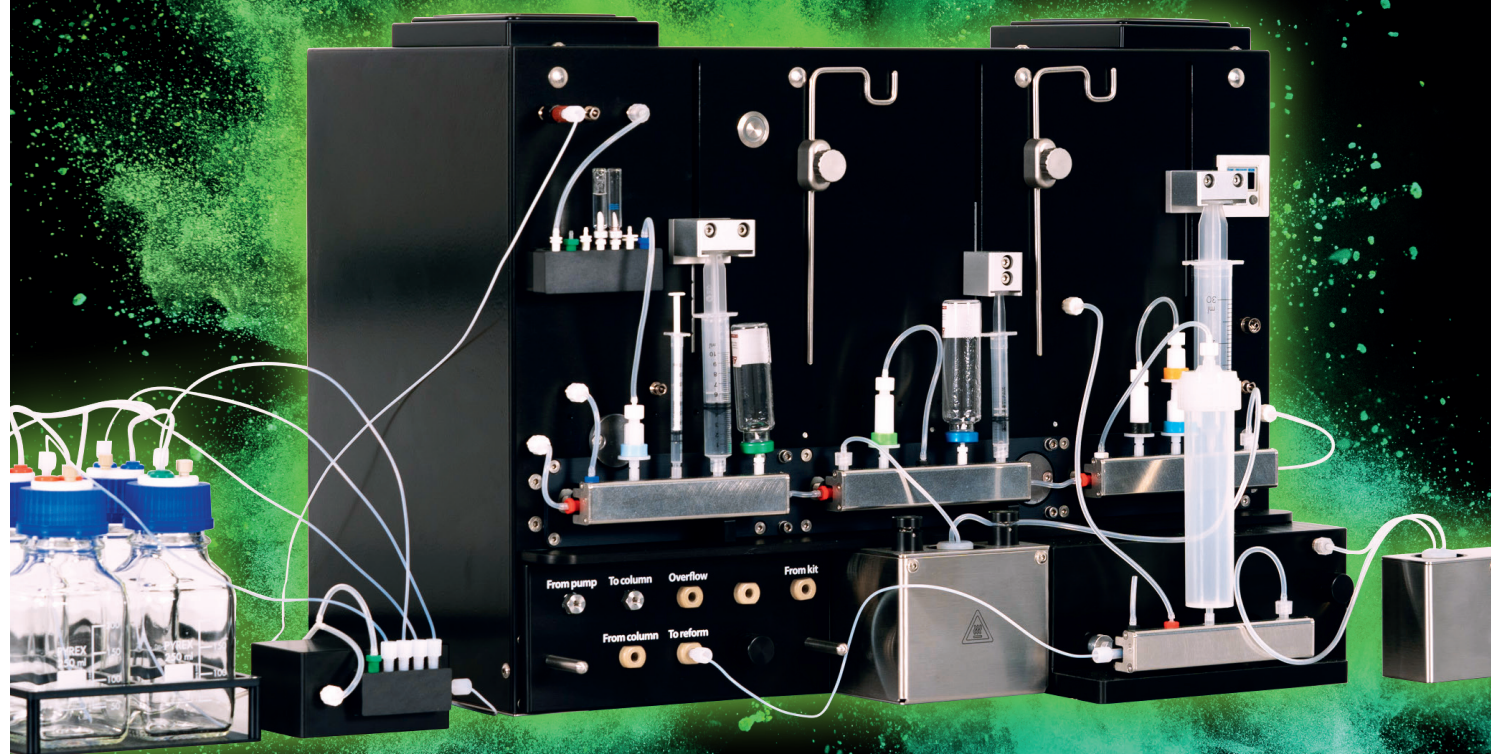


NEPTIS® xSeed™



TRACE IT UP AND SPEED UP YOUR RESEARCH



Ora

an ISO13485 certified company



THE NEPTIS® XSEED™ IS A MULTI-RUN SYNTHESIZER DESIGNED SPECIFICALLY FOR RESEARCH AND DEVELOPMENT. ITS FLEXIBILITY, COMBINED WITH AN AUTOMATED CLEANING PROCESS, MAKES IT THE PERFECT TOOL TO CREATE AND TEST OUT CHEMISTRY SYNTHESIS CONCEPT OF NEW RADIOTRACERS. INTEGRATED, RELIABLE AND EASY TO USE, NEPTIS® XSEED™ IS THE IDEAL TOOL FOR ANY TRACER RESEARCH LABORATORY.

ON-THE-GO DEVELOPMENT

NEPTIS® synthesizer is delivered with a **complete software package**

NEPTIS® Control allows the user to visualize all of the pertinent information of a synthesis in real-time.

NEPTIS® Designer is a stand alone software which allows the development of molecules or the modification of one.

NEPTIS® Trending is an indispensable tool for analysis of data production runs with additional functionalities of key parameters (i.e. calibration, maintenance log, et al.).

SPE (REFORM) PURIFICATION

- Built in actuators (5)
- Dedicated waste pathway
- Dedicated HF/LF /Vac supply

OPTION

Heating zone As an alternative to the configuration of 2 classical ovens, the heating zone set-up can consist of 1 classical oven and 1 Peltier type oven.

AUTO-CLEANING MODULE

Bottles	4 bottles of 250mL capability (recycling solution for QMA, water, ethanol and acetonitrile)
Tubing & connection	1 tube for Nitrogen (pressurization) 1 tube for solvents (cleaning) Electronic cables for module control

PURIFICATION FEATURES

HPLC column	1 semi-preparative HPLC column
UV/Pump	UV detector with optical fibers (to protect electronics from radiation) Isocratic HPLC pump fully controlled by NEPTIS® software
Injection	HPLC pneumatic injection valve (10 mL loop) delivered as standard
Detectors	VWD (variable wavelength detector) UV detector & radio detector
SPE	SPE cartridge reformulation system
Options	Switch valve : Automatic switch valve to detect HPLC column (2) Pump : Quaternary gradient pump

REQUIREMENTS

Power supply	100/240V AC, 50-60 Hz
Compressed air	6 to 8 bars
Nitrogen	3 to 8 bars

SPECIFICATIONS

- 4 ramps of 5 pneumatic actuators with 3 positions each
- Reaction volume 1,5 to 6,0 mL
- Heating zone 2 heating zones with cooling capabilities
- Reagent vials 20 positions for reagent vials or cartridges
- Recovery capability [¹⁸O] water recovery
- Radiation detectors 6 shielded radiation detectors for process monitoring
- 3 syringe drivers (30 mL and 10/3 mL)
- Cleaning system Automated cleaning system
- Reagent vials 1 to 50 mL
- Sensors for vacuum, flow and pressure

HOTCELL COMPATIBILITY

The NEPTIS® xSeed™ can be installed in any shielded standard size hotcell (i.e. W620 x H530 x D460 mm).

DIMENSIONS

W x H x D	560 x 420 x 410 mm 22.0 x 16.5 x 16.1 in
Weight	38 kg 84 lbs

The above features are not restrictive. For further information call +32 (0)71 61 38 23 or email us at questanswered@oradiochem.eu. We are pleased to help. We reserve the right to discontinue or change specifications or design at any time without prior notice and without incurring any obligation whatsoever.