POMO NOVA

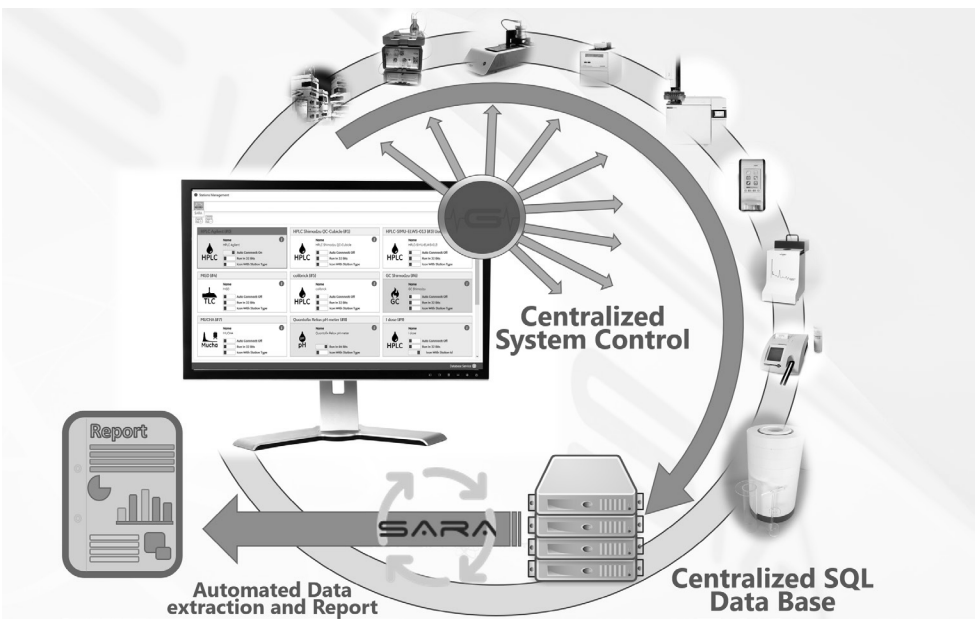
BETA RADIO FLOW DETECTOR

The best choice radio flow detector
for pet applications

- ✓ BROAD DYNAMIC RANGE
- ✓ HIGH COUNT RATE
- ✓ UNIQUE SENSITIVITY
- ✓ GMP / GLP / FDA21 CFR PART 11 COMPLIANT

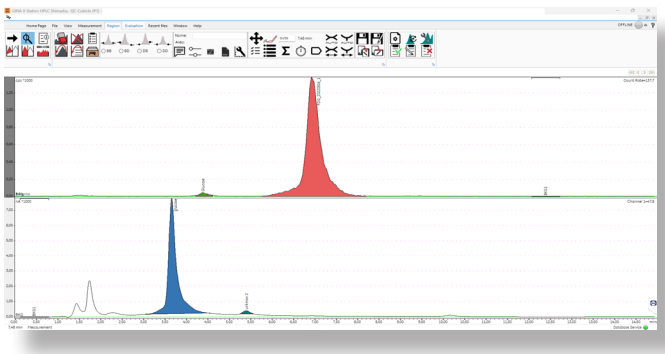
The Beta Radio Flow Detector POMO Nova is a lead shielded radio flow cell detector for HPLC. Its technology is based on a non crystal scintillator combined with a high performance SiPM.

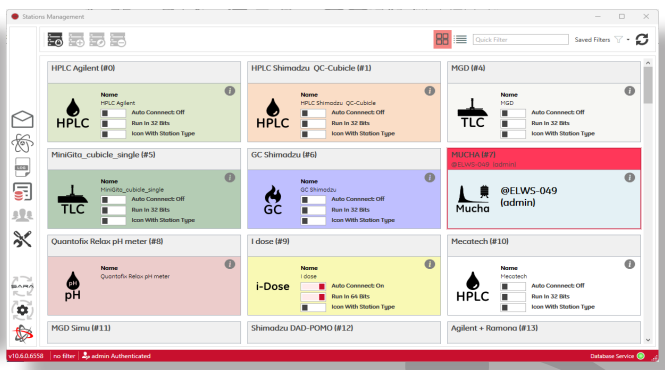
This combination gives a very high sensitive detector for radio chromatography flow in nuclear medicine and PET laboratories. The low Gamma response and very low background noise of this system provides a high detection sensitivity for the PET isotopes (F-18, C-11, Ga-68, N-13, Cu-64,...) and the high energy Beta minus emitters (Lu-177, I-131...)



Fitted to your HPLC

This new detector is dedicated to the analysis of Beta emitters compounds. It can be easily coupled to a HPLC system ensuring the separation of the different compounds and impurities. Thanks to different choice of housings, it can also be easily integrated to your existing HLPC tower. (Agilent , Shimadzu, ...).





Software

This radio detector uses the well-established Elysia Communication Protocol (ECP). In combination with our GINA X software, the detector and its components will be recognized automatically (full digital communication) so it gives you the opportunity step in effortless in the world of GxP practices. Besides, this ECP protocol also allows advanced control and diagnostic of the entire detector, ensuring better performance and enabling remote diagnostics.
The POMO Nova can also be added to an existing radio-HPLC system controlled by a third-party software. (stand-alone mode)

Specifications

Technical

Sensitivity	LOQ of 350Bq (Ga-68 std)
Background	noise <= 1cps
Count rate	1000000 cps
Linearity	0-600000 cps R2>0.99
Flow cell	5µL or on demand
Data output	USB 2.0
	10/100 Ethernet
Input/Output	2 analog outputs : 0-1 V
	Digital I/O interface : 3 inputs; 5 relays output

Headquarters : Elysia s.a.
Rue du Sart-Tilman 375
4031 Angleur - **Belgium**
Tel : +32 4 243 43 50
info@elysia-raytest.com

USA office: Elysia-raytest USA inc.
4302 SW 73rd Ave
Miami, FL 33155 **- USA**
Tel : +1 786 230 1067
info.usa@elysia-raytest.com

Production : Elysia-raytest GmbH
Benzstraße 4
75334 Straubenhardt - **Germany**
Tel : +49 7082 9255 0

www.elysia-raytest.com