

RADIOACTIVITY CHROMATOGRAPHY PROGRAM

GENERAL INTERFACE AND ANALYSIS PROGRAM FOR ALL
RADIOACTIVITY CHROMATOGRAPHY APPLICATIONS

- FOR HPLC, TLC, GC AND CE
- MOST SOPHISTICATED AND FLEXIBLE PROGRAM
- AUTO RANGING DISPLAY
- 1-8 SIMULTANEOUS COUNTING CHANNELS



GINA Star is a most sophisticated and flexible general interface and analysis program for all β and γ radioactivity chromatography applications in HPLC, TLC, GC and CE. It's frequently used for very complex process control like PET synthesis and measurements. The program meets extremely high reliability requirements. GINA Star is compliant with most international regulations of original data handling, reproducibility and validity.

GINA Star is recording simultaneously in 1-128 channels. The interval time - the time period for measurement of a single chromatogram data point - can be programmed from 0.01s to several hours. The total runtime of a chromatogram can last from a few seconds up to many days. The number of radioactive events per interval time is not limited. A selected range can never be overridden.

The record of a radioactivity distribution over time, distance, angle etc. can never overflow. Originally the recording of radioactivity is digital, but the recording of other detector outputs can be analogue. GINA completely controls all Agilent and other HPLC-systems.

Additional features are:

- No range limitations
- Peak integration, background subtraction, flow correction, efficiency correction etc.
- Limit-of-detection calculation
- Digital control of chromatography equipment
- Manual or automatic scaling, during run or static
- 8 simultaneous channels

Technical specifications

Interval time	0.01 s - no limit
Run time	1 s - no limit
Data input	7 analogue input channels, 0.5 to +4.5V, resolution 21 bits, 4 counting inputs, counting capacity 32 bit
Simultaneous channels	8
Control inputs	4
Relay outputs	4
Pump controls	3
Injector control	1
Fraction collector control	1

