

Peak & Slope Mode ~ Gets Purer Fractions ~

Yamazen's automated flash systems, W-Prep and AI Series offer three kinds of fractionation modes: Peak Mode which collects peaks only of a sample, Time Mode which collect all, the same amount of eluting compounds in to each test tube, and Peak & Slope Mode. A fraction nozzle moves at the top and the bottom of a peak under the Peak & Slope Mode①. This fractionation mode enables chemists to get cleaner fractions. If Waste Collect② is set, a whole sample including the waste of which the fraction bands are highlighted in gray③ is collected, which prevents loss of any precious samples.

【Setting Procedure】

The system-setting window will open upon choosing a column, and clicking on [System Setting] icon in Menu Bar.

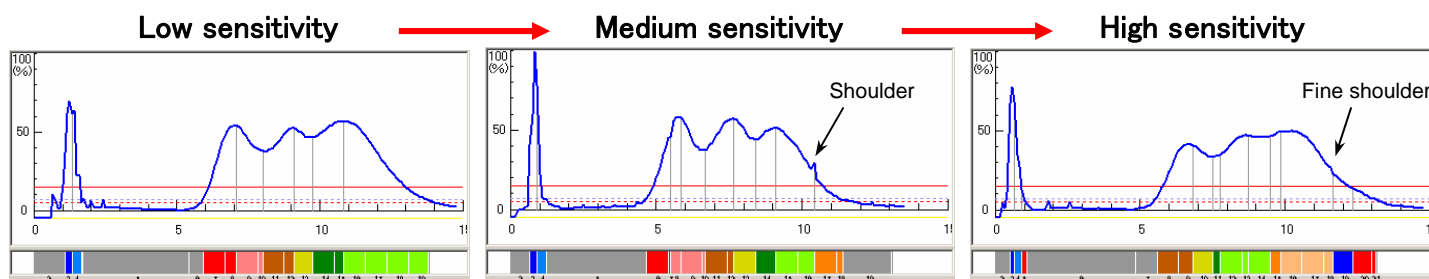
Select Peak & Slope among fractionation modes.

Check the boxes that represent your choice of the fractionation method, and click [Enter].

Slope sensitivity can be chosen from among High, Medium and Low by clicking on the [Change slope sensitivity]④.

【Sample Detection by Peak & Slope Mode】 — Slope Sensitivity④

Peaks will be slashed vertically at their tops and bottoms by gray lines. The fraction tubes for the 1st half of a peak and for the 2nd half of a peak will be highlighted in two different colors.



The fraction nozzle will move at the tops and the bottoms of peaks, but small shoulders and noises will be ignored.

The fraction nozzle will move at shoulders as well as at the relatively fine tops and the bottoms of peaks.

The fraction nozzle will move even at fine shoulders as well as at the relatively fine tops and the bottoms of peaks.