CHOPPER

Extreme Precision Preparative GC Station

View Prep Station

GC fraction collection is used for the isolation and identification of volatile compounds from foods and natural products. It is also useful for fractionation and preparation of analytical reference standards. Individual components from complex mixtures are often difficult to analyze due to either too low or too high concentrations of some of their components. Our CHOPPER GC fraction collector can be used to trap and concentrate these components for separate analysis by other analytical instruments.

CHOPPER permits visual check of the liquefaction time at the fraction collector allowing programming a very precise timing for the preparative procedures. Comparing to conventional methods using retention time from a data reduction system as a reference mark, CHOPPER offers an efficient and automatic fraction collection without causing any fraction delay even for a high boiling components.

Advanced Features:

- **Compatible with any GC instrument**
- **Dedicated software user interface**
- **Possibility to observe fraction liquefaction using LED light**
- **Unique flow path design reducing sample contamination**
- **Peltier cooling system for cooled collection part (down to 0°C)**
- **Compatible with packed and capillary columns**
- **Leak check function with built-in mass flow sensor**

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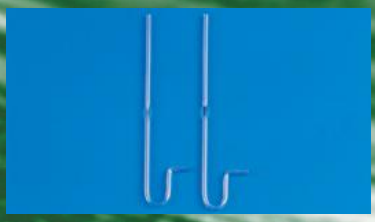
ATAS GL
GL Sciences Company

The Greatest Characteristic of

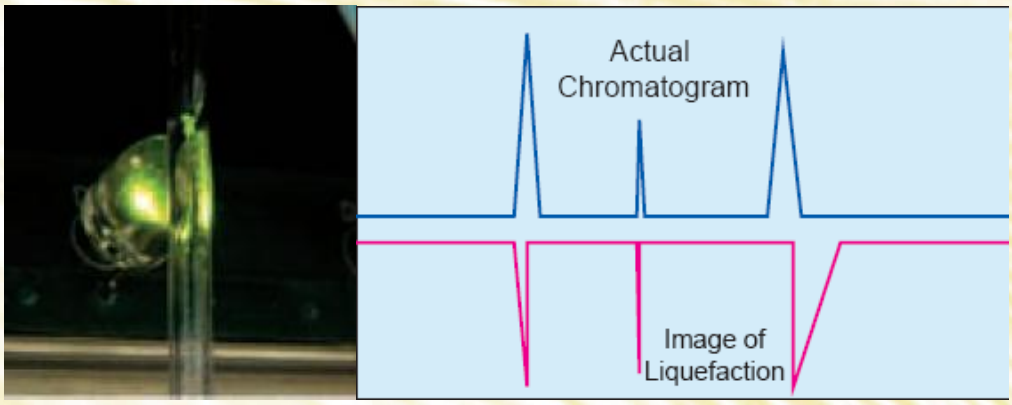
View Prep Station



It can complete fraction collection in the best way!

WHY?

The liquefaction of low boiling components can be easily done in an instance. However, the liquefaction of high boiling components starts with some delay to the actual chromatogram. Therefore, the timing of the fraction which is usually set by the retention time from a data reduction system brings some error to the actual liquefaction time. As a result, the preparative procedure that is done in conventional way is not efficient. This is especially dramatic when a packed column is used. CHOPPER, with its possibility to visually observe liquefaction, offers unprecedented accuracy for the precise time programming of the preparative procedure.



Specifications:

Fraction Collector	7 tubes (including the exhaust line)
Oven Temperature	40°C - 300°C
Line Temperature Range	40°C - 300°C
Cool Oven Temp. Range	0°C – Room Temperature (Peltier cooling)
Power	100V-240V 50/60Hz 400VA
Dimensions	340(W) × 300(D) × 490(H) mm
Weight	approx.15 kg
Accessories	AC Line Cord, Trap Tube (10 p.). Software
Communication	RS232

a total analytical solution

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