

# Retriever® 500

## Mini Fraction Collector

Only the size of this page, Retriever 500 still holds over a hundred tubes. Retriever 500 takes minimal space in your HPLC or low-pressure LC system, and fits easily in a cramped coldroom.

Its multiple-rack, linear-movement configuration lets you remove filled tube groups at any time.

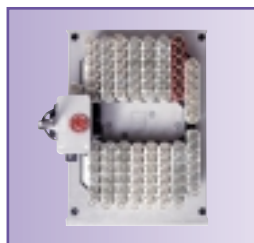


### Key Features

- Compact
- Stationary drop former
- Collect uniform fractions by time or drop count.
- Size fractions by pumped volume when using Isco's Tris®
- Automatic peak cutting is available with an Isco UA-6 detector pump.
- Automatic pump shutoff.
- Protection against spills. Automatically stops or diverts flow before each tube change, at the end of the run, and during a power failure.
- Remove tubes anytime during a run.

### More tubes in less space

Retriever 500 is more compact than other popular fraction collectors of similar or less capacity.



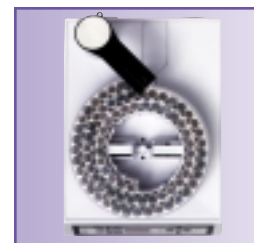
**Retriever 500**  
102 tubes  
609 cm<sup>2</sup>  
21 cm wide



**Competitor A**  
105 tubes  
957 cm<sup>2</sup>  
33 cm wide



**Competitor B**  
95 tubes  
870 cm<sup>2</sup>  
29 cm wide



**Competitor C**  
80 tubes  
792 cm<sup>2</sup>  
24 cm wide



## Reliable and durable

Retriever 500's simple drive mechanism uses only one motor and has been proven in over 30,000 similar Isco instruments. An infrared rack sensing device precisely locates when mixed racks are used or when racks are left out. You'll get reliable performance year after year.

Retriever 500 operates on 14 volts supplied by a wall transformer. A remote thin low-voltage cord passes easily by a refrigerator door gasket, and shock hazard is minimized.



**Retriever 500** is also available in this complete isocratic LC system with pump and UV detector. Contact your Isco representative to describe your requirements, and determine which of our bio-purification systems best meets your needs!

## Retriever 500 Ordering Information

**Retriever 500 Fraction Collector** .....68-3880-001  
Includes one set of 4-position racks for (68) 10 to 16 mm tubes. Other racks may be substituted; please specify substitute racks when ordering.

### EXTRA RACKS

Extra set of 18 racks (17 running, 1 shutoff) for:  
12 and 13 mm diameter tubes, 6-position (102) .....68-3887-001  
10 to 16 mm tubes and glass MiniVials, 4-position (68) ....68-3887-002  
18 mm tubes and 17 mm scintillation vials, 4-position (68) .68-3887-003  
Set of 9 racks (8 running, 1 shutoff) for 28 mm scintillation vials, 29 mm centrifuge tubes, 3-position (24) .68-3887-004

### RETRIEVER 500 VALVES

Each includes mounting brackets and compression fittings for 1/8" and 1/16" tubing. Standard flow, up to 100 ml/min.  
KelF Security valve (on/off) for pressures up to 30 psi .....68-3887-005  
KelF Diverter valve (three/way) for pressures over 30 psi..68-3887-006

### MISCELLANEOUS

Retriever 500 manual (one manual included with the unit).....60-3883-021  
Spare parts package .....68-3889-100  
Dust cover .....69-3883-017  
Stand for 10 racks .....68-1103-123

### CABLES

UA-6 or V4 connect cable .....68-1020-217  
Tris® pump connect cable.....68-1020-204  
Cable for external control of Retriever 500 by non-Isco detector .....68-1010-119