

Automatic Fraction Collector

TOPLAB INDIA'S **TL-100AFCP** Automatic Fraction Collector can set time, drops & peak by UV automatically when using it in chromatographic analysis for research. It can analyze storey of the liquid phase chromatogram, serial instrument can automatic timing, count, drip wet sample collect storey analyse liquids originally.

TL-100AFCP can collect sample automatically instead of hand operation to raise collect quality and increased working efficiency. Automatic Fraction Collector is a fire-new updated production which use new microcomputer chip. It has dependable quality, stable property, and easy to operate. Also can be used widely in chromatography process. It is ideal instrument and equipment in fields such as biological study, medicine analysis, agro-scientific research, chemical industry, food and medical treatment and institute of higher learning etc.



TL-100AFCP

Technical Features:

- **Functions:** Set Drop , Set Time & Set Peak
- **Display:** Large LCD Display
- **Collected Test Tubes:** Max.100 Test Tubes (Optional 169/36/16 Test tubes)
- **Max Capacity:** 12ml Per Test Tube (Optional 5ml /50ml/100ml/Unlimited)
- **Range of Timed Collections:** 1 Seconds ~ 200 Hrs
- **Range of Counting Drops:** 1 Drop ~ 9999 Drops.
- **Range of UV Peak Set :** 0 mV ~ 2000 mV
- **Options Of Tubes No:** First Tube 1~ 99 Last Tube 2 ~ 100
- **Can Select** a variety of test tube tray according to the needs
- **Warning Time** of wanting liquid (When using the mode of Counting drops Collections)
- **Hanging X-Y** two-dimensional movement
- **TL-100AFCP** can realize full-automatic collection when external connected with the Constant Flow Pump or Peristaltic Pump manufactured by TOPLAB INDIA.
- **Power Voltage:** AC 220±10%, 50HZ.

Standard Configuration:

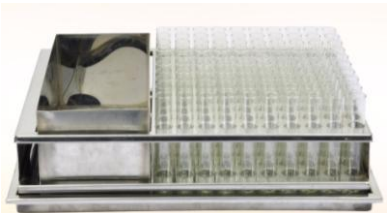
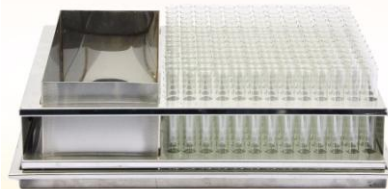



✓ Main Instrument TL-100AFCP	✓ Set of relief valve
✓ Set of drop recording sensor	✓ Board of weeping alarm
✓ Tray set with Test Tubes (12ml x 100 pcs)	✓ Mounting Stand with accessories
✓ Operation Manual	✓ Power supply cable
✓ Fuse-wires (0.5A)	✓ Test Certificate

Automatic Fraction Collector

Optional Test Tube Trays:

TL-100AFCP has facility to adopt the optional trays as per size of sample collection. The Test Tube Trays can be selected according to the needs of collection size of samples in ml. A variety of test tube trays available from 0.5ml to 100ml sample and test tubes numbers, to achieve a multi-purpose use and to reduce operating costs of instrument.

Trays Selection:

Image	Part No.	Description
	TL-100-TRAY	Test Tube Capacity: 100 Pcs Sample Size: min. 1ml ~ Max. 12ml Test Tube Holes: 10 x 10 Tray size: 340 x 240 x 100 mm
	TL-169-TRAY	Test Tube Capacity: 169 Pcs Sample Size: min. 0.5ml ~ Max. 5ml Test Tube Holes: 13 x 13 Tray size: 340 x 240 x 100 mm
	TL-36-TRAY	Test Tube Capacity: 36 Pcs Sample Size: min. 5ml ~ Max. 50ml Test Tube Holes: 6 x 6 Tray size: 340 x 240 x 100 mm
	TL-16-TRAY	Test Tube Capacity: 16 Pcs Sample Size: min. 5ml ~ Max. 100ml Test Tube Holes: 4 x 4 Tray size: 340 x 240 x 100 mm
	TL-36FUNNEL-TRAY	Test Tube Capacity: 36 Pcs Tube Type: Funnel (Open from End) Sample Size: Unlimited (can use to collect in bottles) Test Tube Holes: 6 x 6 Tray size: 340 x 240 x 100 mm