



# **FOAMING CHARACTERISTICS TESTER LFCT-A10**

## Foaming Characteristics Tester LFCT-A10

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Foaming Characteristics Tester LFCT-A10 is a benchtop unit and offers ambient temperature range of  $\sim 100^{\circ}\text{C}$  with precision of  $\pm 0.1^{\circ}\text{C}$ . The instrument is distributed into two groups of baths at  $24^{\circ}\text{C}$  and  $93.5^{\circ}\text{C}$  and separate control for temperature as well as flow rate. Equipped with gas diffusion head, oil-free air pump and air filter. Allows determination of the foaming characteristics of lubricating oils at specific temperatures by empirically rating the foaming tendency and the foam stability.

### FEATURES

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- Equipped with bath of  $24^{\circ}\text{C}$  and  $93.5^{\circ}\text{C}$
- Touch-screen colored LCD display for ease of monitoring
- Separate control for flow rate
- Automatic buzzer alarm for completion of test
- Easy to use, long life span, safe and reliable
- Confirms to international standards of ASTM D892, ISO 6247

### APPLICATION

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Foaming Characteristics Tester is used to determine the foaming stability and tendency of lubricating oils at temperature up to  $100^{\circ}\text{C}$ . It finds application in petroleum industry, synthetic oil processing units etc.

## SPECIFICATIONS

Model. No	LFCT-A10
Temperature Range	Ambient ~ 100°C
Temperature Precision	± 0.1°C
Air Flow	94 mL ± 5 mL/min, with flowmeters
Timing Unit	0 to 99 min 59 s, resolution 1 s
Control System	Single chip microcontroller
Heating Power	2000 W
Power Supply	AC 220 V ± 10 %, 50 Hz

## STANDARD ACCESSORIES

Sr. No	Name of the Accessory	Specification	Quantity
1	Main Unit		1 Set
2	Foaming Test Cylinder	1000 ml	4 Pieces
3	Air Flow Rod		4 Pieces
4	Thermometer	0 to 50°C	1 Piece
5	Thermometer	50 to 100°C	1 Piece
6	Diffusion Head		2 Pieces
7	Silicone Hose		2 Meters
8	Rubber Plug		4 Pieces
9	Portable Cooler		1 Set
10	Air Pump		1 Set
11	Air Dryer		1 Set
12	Fuse		2 Pieces