

# Thimbles

## Extraction Thimbles

### Introduction

Microlab Scientific offers a wide selection of high quality extraction thimbles available in a variety of dimensions to fit most soxhlet extraction units. Our extraction thimbles are manufactured in high purity cellulose fibers or high purity glass binder free microfiber. They also feature a consistent wall thickness customized manufacturing is available for tubes, sleeves and additional sizes. They also feature a consistent wall thickness customized manufacturing is available for tubes, sleeves and additional sizes.



### Common Thimble Applications

- ▶ Soxhlet extraction.
- ▶ Air and waste gas analysis.
- ▶ Collection of solid particles such as dust.
- ▶ Smoke stack gas monitoring.
- ▶ Analysis of pesticide residues.
- ▶ Oil/fat content of solid foods.
- ▶ Oil & grease analysis of solid wastes.
- ▶ Elution for biochemical analysis.

### Common Thimble Material Application Reference

Cellulose Extraction Thimbles	Glass microfiber Extraction Thimbles
Fat determination of meat and dairy products	Gravimetric methods for hot environments
Determination of PCB in fish products	Gravimetric methods for acidic gasses
Determination of free fats in food products	Extraction methods common to biochemical analysis
Determination of pesticide residues in food products	
Extraction of plasticizers from PVC	
Extraction of dioxins	
Solid particle such as dust collection in air flows	
Evaluation of liquid content in concrete slurry	

### Technical Specifications for Cellulose Extraction Thimbles

Type of Extraction Thimbles	Max temperature (°C)	Binder	Wall thickness (mm)
Cellulose	120	None	1-3
Glass Microfiber	500	None	2.0