



GLASSCO

Complete Soxhlet Extraction Apparatus

USER MANUAL



User's Manual for Glassware

BRAND AND MODEL	TYPE	NAME
BRAND: GLASSCO MODEL: 191.205	CRYSTALLERY	SOXHLET EXTRACTION APPARATUS

FUNCTION:

- It allows the extraction of compounds (in most cases of lipid type) through the use of a solvent.

IMAGE:



Technical Description:

- Condenser coupled refrigerant
- Condenser (siphon) with mouth 29/32
- Universal support according to the equipment, its function is to support both the refrigerant and the siphon - 2 universal metallic clamps
- Distillation ball: 500 mL, with 29/32" mouth - Distillation ball: 500 mL, 29/32" mouth
- Heating mantle with capacity for 500 mL ball
- Laboratory hoses

Available Configuration

Order	Item Code	Element	Package of
1	191.205.01	Coolant	1
2	191.205.02	Condenser (siphon) with mouth 29/32	1
3	191.205.03	Universal bracket -	1
4	191.205.04	metal universal pliers	2
5	191.205.05	500 ml distillation ball, mouth 29/32	1
6	191.205.06	Heating blanket for 500 ml balloon	1
7	191.205.07	Laboratory Hoses	2

USE**Of the installation**

- Check and connect water inlet and outlet for the system.
- Connect heating mantle to stable electrical power.
- Place the balloon inside the heating mantle.
- Place lubricant (petroleum jelly) in the mouth of the balloon to make it easier to turn the connection.
- Place the Condenser (siphon)
- The refrigerant should be placed on the condenser (siphon).
- Place the water inlet and outlet hoses.
- Adjust properly with support and universal clamps.
- Translated with www.DeepL.com/Translator (free version)

Of the execution

- To place the solvent for distillation in the distillation ball.
- Place the sample to be studied in the condenser (siphon) previously wrapped in filter paper.
- In the case of needing to measure the temperature of the process use a ball with two mouths and with the help of a stopper insert in the ball a thermometer.
- Place the refrigerant in the mouth of the condenser (siphon).
- Connect the lower hose to a water outlet and the upper hose should go to a storage container.
- Proceed to turn on the heating blanket.

Maintenance notes

- It requires cleaning of the external and internal surface.
- It is recommended to handle the glass with clean hands, do not touch the treated area and clean the entire glass.
- Avoid all types of abrasive, acid or alkaline based products, especially on laminated glass or chambered glass.
- Do not use abrasive brushes, blades or objects that may scratch the glass.

Additional Requirements**QUANTITY**

N/A	N/A
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GENERAL OBSERVATIONS:

It is recommended to store the equipment in a dry place, always keeping the storage precautions for delicate glass material.

Follow the steps and instructions in the indicated order to avoid problems in the execution of the process.