

Rotary Solid-Liquid Soxhlet Extractor (ROT-X-TRACT-S)

DESCRIPTION

The ROT-X-TRACT-S rotary Soxhlet extractors are ideal for rapidly extracting soluble analytes from a solid sample into an organic solvent. These instruments use a water steam bath, providing gentle heat to delicate samples. They maintain simplicity by having only one water supply line in and one drain line out.

These Soxhlet extractors are comprised of a base and stand assembly situated within a shallow, stainless steel heating bath. The associated glassware consists of a round boiling flask which sits atop a cover disk connected to standard Soxhlet extractors and Allihn condensers.

We offer two models of the ROT-X-TRACT-S: Catalog# 13070 and Catalog# 13090. Model 13070 accommodates up to eight 250 mL Soxhlet extractors and model 13090 accommodates up to ten 250 mL Soxhlet extractors. The 8 position extractor has a mechanical thermostat, while the 10 position extractor includes a side control box with digital temperature and time controls.

Both the 8 and 10 position models have circular designs, conserving valuable bench space, while also allowing the instrument to rotate so that each sample can be accessed from the front.

STANDARD FEATURES

- Side control box with digital timer and heat controls **(with model 13090 only)**
- Centrally located water manifold allows for one water supply line in and one drain line out to prevent tangling



13090
10 Position



13070
8 Position

OPTIONAL FEATURES

- 220 V wiring harness **(Option Code: -2)**
- Z-Purge/intrinsically safe purge case **(Option Code: -Z)**

ROT-X-TRACT-S Specifications		
Instrument Catalog Number	13070	13090
Number of Samples	8	10
Overall Dimensions (W x D x H)	16 x 15 x 34 in 41 x 38 x 86 cm	24 x 19 x 34 in 61 x 48 x 86 cm
Glassware Specifications		
Required Glassware	GS3137	
Extractor Type and Size	Soxhlet; 45/50, 24/40	
Solvent Flask Type and Size	Round with flat bottom; 250 mL	
Chamber Diameter	37 mm	
Condenser Type and Size	Allihn; 45/50	
Heating Device Specifications		
Water Bath Model Number	9125	14165 (for 240 V models) 16165 (for 120 V models)
Water Bath Size	Medium – 12 inch ID	Large – 16-inch ID
Inside Bath Dimensions (Diameter x Depth)	12 x 4.5 in 30.5 x 11.4 cm	16 x 4.5 in 40.6 x 11.4 cm
Outside Bath Dimensions (W x D x H)	16 x 15 x 7 in 41 x 38 x 18 cm	24 x 19 x 6 in 61 x 48 x 15 cm
Total Wattage	900 W	1400 W (for 240 V models) 1600 W (for 120 V models)
Bath Temperature Range	30-100 °C	30-100 °C
Temperature Controller Type and Controller Accuracy	Dial Thermostat +/- 2 °C	Digital +/- 2 °C