

Automatic Heated Oil Test Centrifuges

Fully automatic benchtop unit is designed expressly for petroleum testing applications

NEW

- Automatic control of acceleration ramp, centrifugation speed, and timing functions
- Doubly insulated to reduce heat loss and increase reproducibility
- Sliding stainless steel lid with large clear top to view your samples
- Group D, Class 1, Division 2 explosion-resistant rating
- Accommodates long, short, conical, pear, or finger tubes

This oil test centrifuge is used for water and sediment determination and is fully automated. Use the integrated 4½" touch-screen control panel to set test duration, the RCF and rpm values, and choose your specific rotor assembly and its corresponding glassware. You may set the unit to your desired speed. Quiet running unit features an elastic suspension of the drive motor for self-balancing operation. The operating speed will remain constant due to the voltage compensated circuitry in the event of voltage fluctuations.

Molded PTFE cushions provide excellent chemical resistance, ease of tube positioning, and longevity of your unit. View your samples while they are spinning from the clear 18½" viewing window on the top of the lid. The lid allows easy access to the rotor and tube holders for easy cleaning. Unit is equipped with a safety lockout mechanism and automatic electronic braking system.



17300-01

Required System Components

- 1 Centrifuge with rotor assembly
- 2 Centrifuge tube(s)

Add these options

- 3 Rotor assembly



Specifications

Capacity: four oil test centrifuge tubes: long (100 mL), short (100 mL), pear (100 mL) or finger tubes (12.5 mL)

Conformance: ASTM D91, D96, D893, D1796, D2273, D2709, D2711, D4007, IP 75, 145, 359, API 2542, 2548; ISO 3734; DIN 51793; NF M 07-020

Maximum speed: 2200 rpm

Set speed: 500 to 2200 rpm

Temperature control: ambient to 200°F (93°C)

Temperature readout: digital

Timer: 0 to 999 min

Dimensions (L x W x H): 31" x 25.8" x 14.8" (78.7 x 65.5 x 36.3 cm)

Shpg wt: 122 lb (55.4 kg)

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Catalog number	Rotor (included) for tube type	Max RCF x g	Power		Price
			VAC	Hz	
SN-17300-01	Long (100 mL), 8"	1327	115	60	
SN-17300-03			230	50/60	
SN-17300-05	Short (100 mL), 6"	1170	115	60	
SN-17300-07			230	50/60	
SN-17300-09	Pear (100 mL)	865	115	60	
SN-17300-11			230	50/60	
SN-17300-13	Finger (12.5 mL)	780	115	60	
SN-17300-15			230	50/60	

MORE information!

Conforms to specs of ASTM D91, D96, D893, D1796, D2273, D2709, D2711, D4007, IP 75, 145, 359, API 2542, 2548; ISO 3734; DIN 51793; NF M 07-020



2 Tubes

Catalog number	Description	ASTM method(s)	Price
SN-17300-25	Long, 8"; 100 mL marked in mL	D91, D96, D893, D1796, D4007	
SN-17300-27	Long, 8"; 100 mL marked in 200 parts	D96	
SN-17300-29	Long, 8"; 100 mL marked in mL every 1 mL	D96, D4007	
SN-17300-31	Long, 8"; marked in 200 parts every 2 parts above 20 parts	D96	
SN-17300-33	Cone ¹ , 100 mL; with capillary tip capable of measuring 0.01 mL	D2273, D2709	
SN-17300-39	Short, 6"; 100 mL marked in 200 parts every 4 parts above 20 mL	D96	
SN-17300-41	Short, 6"; 100 mL marked in mL	D96	
SN-17300-43	Short, 6"; 100 mL marked in mL every 2 mL above 10 mL	D96	
SN-17300-45	Short, 6"; 100 mL marked in 200 parts	D96	
SN-17300-49	Pear; 100 mL marked in mL	—	
SN-17300-51	Pear; 100 mL with tube tip having graduations of 0.01 mL over the range 0 to 0.2 mL	D2709	
SN-17300-55	Finger (API 2542); 12.5 mL	—	

¹Use conical tubes with long tube rotor assembly; conical tube requires 17300-37.

3 Optional Rotor Assemblies

Catalog number	Description	Price
SN-17300-17	For long tubes	
SN-17300-19	For short tubes	
SN-17300-21	For pear tubes	
SN-17300-23	For finger tubes	

- SN-17300-35 Replacement PTFE cushion for long tubes
- SN-17300-37 PTFE cushion, required for cone tube with capillary tip
- SN-17300-47 Replacement PTFE cushion for short tubes
- SN-17300-53 Cork stopper for long, short, and pear tubes
- SN-17300-59 Cork stopper for finger tubes
- SN-17300-57 Felt supporter for finger tubes