

ROLLER OVEN

with

ENHANCED SAFETY FEATURES



Drilling fluid aging is the process in which a drilling fluid sample, previously subjected to a period of shear, is allowed to more fully develop its rheological and filtration properties. The time period needed to more fully develop properties varies from as little as several hours (usually 16 hours) to as much as several days. Aging is done under conditions which vary from static to dynamic and from ambient to highly elevated temperatures.

Fann Roller Ovens provide an excellent method of aging fluid samples for further analysis. **High-Temperature Aging Cells** containing sample fluids are placed in the roller oven where they are subjected to moderate **heat and agitation** (rolling) on power driven rollers. Samples may also be heated without rolling (static aging). These Roller Ovens are constructed of polished **stainless steel** and other **corrosion resistant materials**. They are **well insulated** and the temperature is regulated by a **digital electronic controller**. An internal **circulation fan** assures an even temperature distribution throughout the oven.

NEW Exclusively from **fann®**

ENHANCED SAFETY FEATURES

A completely redesigned electrical circuit that includes a state-of-the-art digital electronic controller using solid state relays, and a **first in the industry** redundant over-temperature **safety shut-down system**, helps eliminate uncontrolled heater run-aways and the dangers associated with excessive temperature failures.

ROLLER OVEN SPECIFICATIONS

Aging Cell Capacity

Model	Number of Rollers	260ml Cell w/o Valve stem	260ml Cell w/Valve stem	500ml Cell w/o Valve Stem	500ml Cell w/ Valve Stem
704ES	4	9	6	6	3
705ES	5	16	12	8	8

Weights & Dimensions

Model	Outside inches (centimeters)			Inside inches (centimeters)			POUNDS (KILOGRAMS)
	L	D	H	L	D	H	
704ES	22 (59)	24 (61)	25.5 (65)	18 (46)	18 (46)	14 (35)	155 (70.5)
705ES	26 (66)	30 (76)	25.5 (65)	22 (59)	24 (61)	14 (35)	170 (77.3)

Ordering Information:

Model 705ES Five Roller Oven

Temperature Range: Ambient to 500°F
 Heater Power: 1000 Watts
 Power Requirements: 1200 Watts

Part No. 331978 - 115 Volt

Part No. 331979 - 230 Volt

Model 704ES Four Roller Oven

Temperature Range: Ambient to 475°F
 Heater Power: 500 Watts
 Power Requirements: 700 Watts

Part No. 331976 - 115 Volt

Part No. 331977 - 230 Volt

Fann has a comprehensive offering of Aging Cells in various sizes, configurations and corrosion resistant materials.

Contact Fann for information on these and other Fluid Testing Instruments.



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