

Roller Ovens with Enhanced Technology

Description

Fann® Model 704ET and Model 705ET roller ovens are primarily designed for laboratory use. These roller ovens provide an excellent method for aging fluid samples.

Application

- Drilling fluid aging tests
- Heating and rolling
- Heating - drying and aging
- Rolling - ball mill roller, homogenous mixing, chemical mixing, fluid deaerating



Enhanced Safety Feature

The Enhanced Safety System uses an over-temperature controller to shut off power to the oven heaters when the internal oven temperature is greater than $525^{\circ}\text{F} \pm 1^{\circ}\text{F}$ ($274^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$).

Application

- Digital Temperature Controller displays present and set point temperatures and supports both Fahrenheit and Celsius
- Programmable Timer can be set for delayed start, delayed stop, and immediate start (default)
- Fans help maintain uniform temperature and cool controls and roller drive motor
- Voltage Selector gives options to set voltage at 115VAC or 230VAC
- Push Button Circuit Breakers, 5A and 10A, are manually resettable

Roller Oven Specifications

Operating		
Model	704ET	705ET
Temperature	Ambient to 500°F (260°C)	Ambient to 500°F (260°C)
Electrical	110-230V, 50/60 Hz	110-230V, 50/60Hz
Power	1000W	1000W

Aging Cell Capacity					
Model	Rollers	260mL Cell w/o Valve Stem	260mL Cell w/ Valve Stem	500 mL Cell w/o Valve Stem	500mL Cell w/ Valve Stem
704ET	4	9	6	6	3
705ET	5	16	12	8	8

Mechanical			
Model	Outside Dimensions L x D x H	Inside Dimensions L x D x H	Weight
704ET	22 x 24 x 25.5 in (59 x 61 x 65 cm)	18 x 18 x 14 in (46 x 46 x 35 cm)	155 lb (70.5 kg)
705ET	26 x 30 x 25.5 in (66 x 76 x 65 cm)	22 x 24 x 14 in (59 x 61 x 35 cm)	170 lb (77.3 kg)

Ordering Information

Part No. 102365469 — Model 704ET Roller Oven, 4 Rollers

Part No. 102365354 — Model 705ET Roller Oven, 5 Rollers

Fann Instrument Company offers a complete line of equipment, materials, and supplies for analyzing various drilling fluids and oil well cements in accordance with API Specifications and API Recommended Practices.