



Taha Kimia Tajhiz Co.

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Model 802P Roller Oven Datasheet

**Drilling Fluids Testing / Aging (Roller Ovens)
Equipment**

Model 802P Roller Oven 600°F High Temperature Aging Cell

Description

The Model 802P 600°F Roller Oven and the 600°F High Temperature Aging Cell are Fann's next generation of heat aging test equipment.

The Model 802P has two power-driven rollers, a digital temperature controller, and a fail-safe over-temperature protection system.

The 600°F aging cell is a 550 ml, Type 316 stainless steel pressure vessel, certified for 600°F (315°C) and 2500 psi (17,237 kPa) maximum working pressure.

Features & Benefits

- Lightweight and compact, compatible for lab and field
- Digital temperature controller
- Precise and stable temperature measurements
- Temperature Data Log Output for collecting temperature data
- Uniform temperature distribution
- Efficient and controlled heating
- Better simulation of high pressure/high temperature conditions
- Protection against over-temperature

Certifications

The Model 802P Roller Oven meets the essential requirements of the IEC System for Conformity Testing and Certification of Electrical Equipment (IECEE) by using the following relevant standard to indicate compliance:

IEC 61010-1:2001 (Second Edition) Safety requirements for electrical equipment for measurement, control, and laboratory use Part 1: General requirements

The 600°F High Temperature Aging Cell is certified per the following American Society of Mechanical Engineers (ASME) standard:

ASME Boiler and Pressure Vessel Code (BPVC), Section VIII, Division 1: Rules for Construction of Pressure Vessels



Model 802P Roller Oven Specifications

Temperature Range	Ambient to 600°F (315°C)
Heater Power	400 watts
Voltage Requirements	115V or 230V AC
Weight	90 lb (40.8 kg)
Dimensions L x W x D	20.15 x 13.12 x 18.62 in 51.1 x 33.32 x 47.29 cm

600°F High Temperature Aging Cell Specifications

Maximum Temperature	600°F (315°C)
Maximum Allowable Working Pressure	2500 psi @ 850°F 17,237 kPa @ 454°C
Cell Volume	550 ml

Ordering Information

Part No. 102030761 — Model 802P Portable 600°F Roller Oven

Part No. 102111608 — 600°F High Temperature Aging Cell, 550 ml