4 Roller Oven

Brand: OFI Testing Equipment, Inc.
Product Code: 172-00-C
Availability: Call for availability
Call for Price: 832-320-7300

Description
The 4-Roller Oven is an effective aid in determining the effects of temperature on drilling fluid as it circulates through the well bore. The roller oven is designed to provide heating and rolling functionality simultaneously or independently. This oven can hold six 260-mL Aging Cells or three 500-mL Aging Cells.

Patent Number 4,677,843

Features

- Touchscreen display with programmable timer and temperature profile
- Data export
- Enclosure is constructed of stainless steel for longer life
- Stainless steel rollers promote a cleaner environment inside the oven
- Glass-impregnated Teflon® roller bearings extend the life of the rollers and allow for longer maintenance-free service
- Circulating fan greatly improves air circulation within the oven and provides more stable, consistent, and reliable heating

Specifications

- Temperature Range: 100° - 500°F (38° - 260°C)
- Motor Speed: 25 RPM
- Touchscreen Display
- Programmable Timer

- Programmable Temperature Profiles
- Heater: 2 x 350 Watts
- Material:
    - Cabinet: 303 Stainless Steel
    - Rollers: 304 Stainless Steel
- Capacity (Aging Cells sold separately):
    - 260 mL Aging Cells: 6
    - 500 mL Aging Cells: 3
    - 1000 mL Aging Cells: 3
- Power Requirements:
    - 115 Volt/230 Volt
- Dimensions:
    - Size: 26.75" × 22" × 26" (70 × 56 × 66 cm)
    - Weight: 141 lb (64 kg)
    - Crated Size: 35" × 29" × 36" (89 × 74 × 91 cm)
    - Crated Weight: 239 lb (108.4 kg) 1 lb (64 kg)

Components

- #130-74: Transformer (230 Volt)
- #165-14-8: Type J Thermocouple
- #165-14-10: Fuse for Circulating Fan, 1 Amp
- #170-05-001: Thermostat
- #172-01: Fuse for Temperature Controller, 1/2 Amp
- #172-07: Fuse for Motor, 5 Amp (115 Volt)
- #172-02-2: Chain, 12.5", Qty: 2
- #172-02-4: Chain, 40.5", Qty: 1
- #172-03: Sprocket, 1/2" Bore, Qty: 7
- #172-04: Connecting Link for Chain, Qty:?3
- #172-05: Fuse for Motor, 2 Amp (230 Volt)
- #172-08: Bearing for Roller Shaft, Qty: 8
- #172-09: Fuse for Heater, 10 Amp
- #172-11-1: Temperature Controller
- #172-14: On/Off Toggle Switch
- #172-22: Heater, 350 Watt, Qty: 2
- #172-24: Solid State Relay, 240V-25A
- #172-25: Fan Motor
- #174-07-1: Fan Blade, 6"
- #174-13: Motor
- #174-14: Motor Controller

Ovens with Redundant Heat Control

- #165-14-8: Type J Thermocouple
- #172-24: Solid State Relay, 240V - 25A
- #174-03: Electronic Controller

Optional

- 175-25 Aging Cell, Stainless Steel Grade 303, 260 mL, Pressurized
- 175-30 Aging Cell, Stainless Steel Grade 303, 500 mL, Pressurized
- 175-50 Aging Cell, Stainless Steel Grade 316, 500 mL, Pressurized
- 175-40 Corrosion Test Cell, Stainless Steel Grade 303, 500 mL
- 175-47 O-ring for Outside of Aging Cell, Viton
- 170-04 CO_2 Pressuring Assembly
- 170-40 Test Cell Removal and Carrying Tool

Part Numbers

- #172-00-C: 115 Volt
- #172-00-1-C: 230 Volt
- #172-00-RC: With Redundant Heat Control, 115 Volt
- #172-00-1-RC: With Redundant Heat Control, 230 Volt