



Taha Kimia Tajhiz Co.

**fann**<sup>®</sup>

Fann Co.

# ***Multi-Retort*** **Datasheet**

**Drilling Fluids Testing / Retorts Equipment**

## *Multi-Retort*



The **Multi-Retort** is a 5-cell; 50ml oil and water retort which allows more accurate, faster, consistent, and convenient gathering of oil on cuttings data as well as oil, water, and solids analysis of drilling fluids.

Fann's exclusive **Multi-Retort** can simultaneously test five separate samples of drilling fluids and/or cuttings. Offshore drilling rig operators may now gather samples quicker and then more accurately interpret data about the amounts of oil and water in drilling fluids or on cuttings. This helps ensure that the amounts of oil on cuttings does not exceed established environmental boundaries and helps protect against possible pollution problems.

Having the ability to test five different cutting samples under a uniform retorting temperature in all cells provides a total data consistency that is unavailable in other retort instruments.

### ***Efficient Design***

The **Multi-Retort** is the most advanced instrument available to determine the quantity of liquids and solids in a drilling fluid or on cuttings. The instrument has a circular design so any retort and heating well may be rotated until the unit being loaded or unloaded is at the front for easy accessibility. Once the cell has completed its retorting, it can be positioned at the front and the cover door opened for removal with only that individual cell exposed. Then, with the holder provided, this cell can be easily moved to the cool-down rack. If desired, the entire cool-down rack of all five cells may be removed for cleaning and/or reloading.

## **Features**

- Dial-in temperature setting
- Accessible cool-down rack
- Minimum countertop space (19"x 19")
- Over-temperature safety shutdown
- Operates from either 115/230 volt power source

## **Easy Maintenance**

Cleaning and cooling are easy. The outside of Fann's **Multi-Retort** testing instrument is fabricated from stainless steel. It is cooled by forced air ventilation, which is drawn through the controls compartment and past the heating well into the cover.

### **Heating Information:**

- Digital controller set at 930°F per API Specification RP13B
- Maximum temperature range is 1000°F
- Controller accuracy is  $\pm 5^\circ\text{F}$ .
- Retorting time from ambient is 45 minutes.
- Retorting time from heated block is 25 minutes.

## **Ordering Information**

### **No. 210528 50ml Multi-Retort**

<b>Parts and Accessories</b>	
<b>Item</b>	<b>Part Number</b>
<b>Retort Chamber</b>	<b>210535</b>
<b>Lifter tool</b>	<b>210530</b>
<b>Pipe Cleaners</b>	<b>210441</b>
<b>Steel Wool</b>	<b>210440</b>
<b>Cork Screw</b>	<b>210439</b>
<b>High-Temperature Lubricant</b>	<b>210435</b>
<b>Spatula</b>	<b>210433</b>
<b>Graduated Cylinder, 50ml</b>	<b>205867</b>

## **Specifications**

Capacity:	50 ml each cell
Dimensions:	18" x 18" x 25"
Weight:	127 pounds
Power:	3 kw
Voltage:	115 volts, 27 amps - 230 volts, 13.5 amps