



Radio Frequency **Moisture** Tester

# RFM 1000BT

Simple & Accurate Bench Top Moisture Testing

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BenchTop Radio Frequency Moisture Tester

## Simple & Accurate Bench Top Moisture Testing using Penetrative Technology

### Product Overview

The RFM1000BT is a simple and reliable Radio Frequency Bench Top Moisture Tester. The Tester generates a radio frequency fringe field at less than 10 MHz. This field penetrates a sample chamber that holds the product being measured for moisture content. As the total water content of the measured product changes, the RFM1000BT quantifies the resultant shift in frequency. This frequency shift is converted into a high resolution digital count value, directly proportional to the change in percentage total moisture.

### Features

- User Friendly Operation
- Penetrative RF Technology
- No Sample Preparation Required
- Non-destructive Test
- Unaffected by Sample Color
- PSC Viewer Software

### Specifications: RFM1000BT

Measured Constituents: \_\_\_\_\_ Moisture  
Moisture Range: \_\_\_\_\_ 0-50%, dependent on application  
Operating Principle: \_\_\_\_\_ RF Absorption  
Operating Temperature: \_\_\_\_\_ 10-50°C (50-122°F)  
Product Codes: \_\_\_\_\_ 20, unlimited with computer  
Test Duration: \_\_\_\_\_ Operator selectable  
Normally 10 seconds  
Power: \_\_\_\_\_ 90-260VAC 50/60 Hz  
Dimensions: \_\_\_\_\_ (LxWxH), 12.5 x 11.5 x 20 inches  
(317 x 292 x 508 mm)  
Weight: \_\_\_\_\_ 10 lbs (4.5 kg)



The RFM1000BT offers accuracy and repeatability over a range of moisture applications.

#### Food

- Peanuts
- Pecans
- Cranberries
- Whole Coffee Beans
- Powders

#### Agriculture

- Whole Corn
- Seeds
- Wheat
- Rice
- Grains

#### Minerals

- Sand
- Recycled Sand

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For more information on Process Sensors instruments and accessories, visit our website at: [www.processsensors.com](http://www.processsensors.com)

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