

Ash Content of Pellet Fuel in Minutes

With the cost of fuel today you will find that many companies have developed different and less expensive ways to heat homes and businesses.

Wood Pellets are a renewable and clean-burning alternative. There are four grades of wood pellet fuel. They are Super Premium, Premium, Standard and Utility with the percentage of ash content being the most important constituent separating the grades of the pellets.

The Pellet Fuel Institute has developed standard testing practices for pellets to help provide quality grade pellets to the public. Ash content is a requirement and to classify your pellets you need ash testing. To perform this test in your production facility in your quality laboratory our MAX[®] 5000XL will be the easiest and most efficient way for you to complete this test.

The MAX[®] 5000XL would not be any more expensive than if you purchased a muffle furnace, purchased a 4 place balance and installed an exhaust system for the muffle furnace. In addition, the muffle furnace would use many hours of energy just for one test

*Our MAX[®] 5000XL will perform ash analysis in approximately 27 to 45 minutes

Comparison Wood Pellet Fuel

Standard Oven
5.36% Moisture
1.81 % Ash

MAX[®] 5000XL
5.37% Moisture in 3.5 minutes
1.84 % Ash in 15 minutes

- Measures Moisture/Solids from 0.1% to 99.9% in Minutes
- Sample Sizes from 200mg to 100gm
- Temperatures from 25-600°C
- Temperature Ramping in 1°C Increments for Sample Characterization
- Linked Test Capability for Multiple Results from a Single Sample
- Inert Gas Purge Capability
- Security Access Codes to Protect Programs or Instrument Settings
- Computer Interface or Company Intranet Access Capable
- Stores up to 250 User-Programmable Parameter Sets
- Free Trials and Loaner Service
- 24 Hour Customer Support
- Free Method Development over the Lifetime of the Instrument

Once you use our analyzer you will be able to save time, money and provide a top quality wood pellet to your customer.

Call for a free trial or quote at 800.528.7411 or 602.470.1414, or email sales@azic.com. Also, feel free to visit us online at www.azic.com.