

# Aggrameter®

**NDT**  
**JAMES INSTRUMENTS**  
Non Destructive Test Equipment

Test Well. Build Well.

For instantaneous determination of the moisture content of sand, fine aggregate and coarse aggregate using a unique microwave sensor



Aggrameter® Instrument and Sensor

## Product Information

The **Aggrameter® T-T-100** utilizes the latest microwave and microprocessor technology to measure moisture content in various fine and coarse-grained materials. The prongs of the probe are inserted into the material to be tested and the percentage of moisture content is instantaneously shown on the easy to read display.

An average of five to ten readings is normally taken in order to ensure a valid result. This output is converted by the integrated microprocessor and the moisture content is displayed directly as a percentage of dry weight. The **Aggrameter®** comes calibrated for both sand and aggregate, and can be programmed by the user with up to ten different materials.

## Features & Benefits

- Fast and easy to use; simply insert the prongs into the sand or aggregate being tested
- Extension Pole for less fatigue
- Accurate & Instantaneous
- Completely Portable
- Easy to Read Display
- Customizable for Different Materials



Aggrameter® Kit

Strength

Locators

Ultrasonics

Corrosion

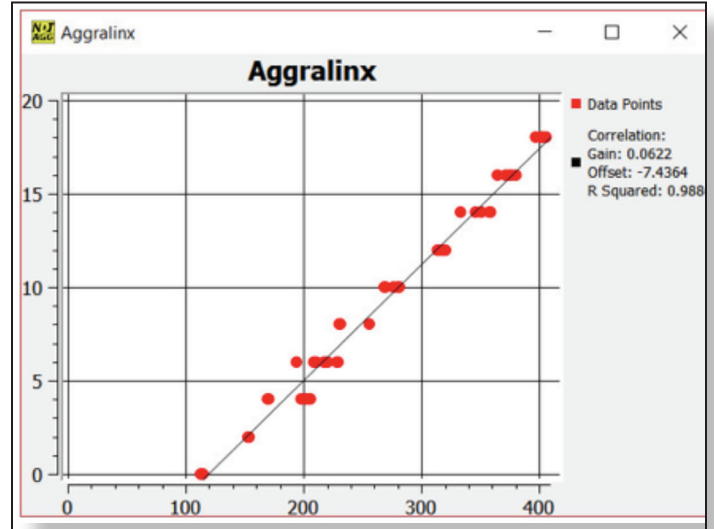
Moisture

# Aggrameter®



Test Well. Build Well.

Aggrameter® and  
Extension Pole



Results with Typical Sand

## Specifications

Moisture Range	0 - 20% by Dry Weight
Frequency	50 Mhz
Power	2 AA Batteries
Display	2 x 16 Char. Trans - reflective
Data Link	USB
Weight	4 lbs. (1.8kg)
Length Extended	1000 mm (40 inches)
Data Storage	Greater than 1,000 Readings

## Aggralinx®

The software will allow connection of the instrument to a Windows® 7, 8 or 10 personal computer. All the data stored by the unit can be uploaded to the personal computer for inclusion in quality control reports or any other form of later analysis. The software will also allow the user to "customize" the **Aggrameter®** to a specific material. This will increase the accuracy of the unit.

## Sales Number

**T-T-100** Aggrameter® Complete System

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