Mark 3 LTE Moisture Analyzer
Simple. Dependable. Accurate. Fast.

turning science into solutions

Out of the box solution at your fingertips!

Fast and accurate moisture or solids measurement with the Mark 3 LTE allows adjustments to be made in the processing cycle in minutes rather than hours. One button operation to perform a test. No pre-programming required on the part of the operator.

Thousands of material program settings already established for the following markets:
- Pharmaceutical
- Chemical
- Cosmetics
- Pulp and paper
- Food
- Wastewater
- Ethanol
- Paint and coating

In-House Testing:
Sartorius will provide program development, free of charge.

Free Trial:
Contact your Fisher Scientific sales representative regarding a free two week trial of a Sartorius product at your location.

Ordering Information

Mark 3 LTE Moisture Analzyer Controller

Fisher Sci. Cat. No.	14-559-013
Model No.	LMA100PA-000U
Mark 3 LTE Heater Module	
Fisher Sci. Cat. No.	14-559-015
Model No.	LMA110SQ-000U

Specifications

Method of Measurement	Loss on Drying
Components Analyzer	Modular: Control and Heater modules
Optional Configuration	Up to 2 Heater modules per Control module
Heat Source	Four parallel infrared quartz cylinders
Temperature Steps	Programmable one or two
Temperature Adjustment	Optional fixture for internal electronic two point with programmable prompt
Temperature Range	30 – 210° C in one degree increments
Standby Temperature	30 – 160° C in one degree increments
Equilibration Time	Programmable setting of time at Standby Temperature
Temperature Display	Display of both target and current temp at each stage of drying and standby
Conserve Mode Clock	Programmable time by day of week to shut down and wake up analyzer
Balance Capacity	40 Grams
Balance Resolution	0.001 grams
Balance Repeatability	+/– 1 mg
Balance Calibration	Manual
Balance Module Design	Thermally isolated with inner and outer stainless steel containers
Balance Spill Protection	Reservoir under draft shield to collect liquids, powders or pellets
Ideal Weight	Audio and visual display for programmable target sample weight addition
Display of Results	0.01%
Recommended Working Range	0.1 to 99.9%
Target Limit Alert	Minimum and maximum programmable limits and screen alert when test done
Program Storage	60 programs with unique settings, alphanumeric naming
Result Storage	999 individual results
Statistical Evaluation	Average, SD, RSD, high and low
Units of Measure of Results	Weight, % Moisture, % Solids, % Volatiles, Fuel Moisture, PPM
Endpoint Determination	Actual slope, Calculation and Time modes
Sample ID	Numeric, Numeric incrementing, alphanumeric or turned off
Modes of Operation	Standard or Concentration modes
Security Mode	Programmable passcode to lock Setup menu
Graph Mode	Graph of Temperature/Time and Percent/Time on display or optional printer
Display	Quarter VGA with contrast adjustment (black on white or white on black)
Keypad	Sealed membrane with audible tactile feedback
Keys	Start/Stop, Paper Feed, numeric, decimal, Enter, 4 navigation and 4 soft keys
Optional Internal Printer	Internal thermal, 40 character graphic
Printout Format	Selectable header (3 lines), analyzer info, operator, Sample ID, Calibration info, program name, program parameters, interval print, weight info, result and signature line
External Input/Output	Serial, USB and Ethernet
Internal Clock	Date and Time: International, Military or AM/PM
Audible Tone	Key stroke, ideal weight met and end of test, selectable On or Off
System Status Indicator Lights	Two tri-color LEDs (balance & heater) on front of heater module
Power Requirements	90-250 VAC 50/60 Hz self adjusting power supply
Dimensions (inches)	16 1/4 x 19 1/2 x 9 1/4 (L x W x H) combined modules
Warranty Period	2 years

The Mark 3 LTE is backwards compatible to many of the standard Mark 2 drying progams

In the United States:
For customer service, call 1-800-766-7000
To fax an order, use 1-800-926-1166
To order online: www.fishersci.com

In Canada:
For customer service, call 1-800-234-7437
To fax an order, use 1-800-463-2996
To order online: www.fishersci.ca

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