

SPECIFICATION (S038)

PMB Moisture Analyser

Product Code : VSMA53 / VSMA202



With simple operation and rapid response time, PMB moisture analysers offer the top value in their class. The automatic test-setting function enables easy recall for frequent testing of the same items without additional user programming. USB and RS-232 interfaces provide computer and printer connections to store test programs and results. No additional software is needed to take readings, giving users total freedom to collect data on a production floor or in the field. A single 400-watt halogen bulb heats samples in 1 °C selectable increments. Three heating options give users the flexibility to customise test methods and temperatures for different materials.

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Features and Benefits

Hardware

- Scratch-resistant aluminum housing protects internal components
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Pan lifter allows easy placement and removal of samples
- RS-232 interface is available to provide speedy connection to computers and printers
- USB host for memory card and USB I/O interface
- USB interface included for data communication
- Temperature range 50°C to 160°C in one-degree increments

Software

- Three settings for heating sample include ramp-up, stepped temperatures and single temperature
- Seven preset drying modes allow test routines for several products
- Audible overload alarm warns when capacity is exceeded
- Testing can be set to start automatically when lid closes
- Calibration for temperature and weight
- Multilingual display allows use in many different countries
- Quick and easy configuration using the keypad
- Zero-tracking feature ensures display returns to zero reading
- Internal memory stores 49 different recipes and up to 99 test results and additional test results and settings can be stored on a flash drive

Display

- Vivid, backlit LCD easily visible in any lighting conditions
- Programmable backlight can be set to "always on," "always off" or "light only when weighing"
- Capacity tracker built into display for easily monitoring possible overloads

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Model	PMB 53	PMB 163	PMB 202
Capacity	50g	160g	200g
Readability	0.001g / 0.01%	0.001g / 0.01%	0.01g / 0.05%
Repeatability (S.D.)	0.001g	0.001g	0.02g
Linearity (+/-)	0.002g	0.002g	0.02g
Pan Size	100mm ø		
Weighing Units	g, %M, %S, ATRO %M, ATRO %S		
Stabilisation Time (sec)	3		
Memory Settings	Internal memory stores up to 99 test results and 49 programmable user settings External USB drive for limitless data storage of test results and settings		
Interface	RS-232, USB		
Calibration	External calibration		
Display	Backlit LCD with 24mm -high digits		
Power Supply	Mains power cord		
Operating Temperature	0° to 40°C		
Housing	Die-cast aluminum		
Overall Dim.	250x360x185mm (wxdxh)		
Net Weight	6kg		

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