



MAX50 Infrared balance

- Highly accurate
- Save time with fully automatic analysis
- Easy to use graphic display
- Fast operation allows the analysis of many samples with the minimum of fuss

Product Description

The MAX50 infrared balance is the cutting edge solution to measuring the moisture content in just about any product. The MAX50 achieves accurate results quickly and easily thanks to its infrared heating element. The MAX50 operates on a 'loss on drying' principal. The sample is placed into the machine where it is automatically weighed; the MAX50 then heats the sample to a specified temperature while continuing to measure the weight. When no more weight loss is detected the sample is completely dry and the MAX50 automatically calculates the moisture content. This measurement can be performed across a large range of moisture contents from 0.5% to 99.5% moisture.

The 'loss on drying' measurement principal means that there is virtually no limit to the commodities that can be measured with a MAX50 balance. Unlike other moisture analysers the MAX50 requires no specific calibration settings which gives you the power to measure moisture in a wide range of products from raw materials to wood chips to pharmaceuticals to food stuffs to animal feeds and more.

The MAX50 is incredibly easy to use. Its large, graphical display makes reading the results and setting the program simple. Samples can be prepared in a matter of seconds and the MAX50's automatic analysis allows you to walk away while it does the hard work. It can also be connected to a printer or PC to log the results.

Product Features

Maximum capacity:	50g (MAX50), 60g (MAX60)
Reading unit:	1mg
Tare range:	50g (MAX50), 60g (MAX60)
Accuracy:	± 0.1 % (depending on commodity)
Repeatability:	± 0.24% (sample <2g), ± 0.06% (sample <2g), ± 0.04% (sample <10g)
Max drying temperature:	160 °C
Drying modes:	4 (standard, quick, stepped, mild)
Auto switch off options:	3 (manual, automatic, timed)
Additional functions:	Sample identification, drying diagram
Power (heating element):	400 W
Power supply:	230 V / 11V AC or 120 V / 11 V AC
Display:	Graphic (backlit)

Supplier Address

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