

Fixed Laboratory Ash Instrument Analyser

Lab Ash



Quick & accurate ash readings within minutes.

The Parker Lab Ash is a laboratory instrument providing a quick measurement of the ash content of a crushed sample of coal. It is easy to use and provides accurate results within a few minutes.

The Parker Lab Ash instrument contains no radiation sources so can be safely used by any operator without the need for special permits or radiation protection infrastructure to be in place. Using the latest touch screen technology coupled with tried and tested software from the Parker Ash Probe product, the system is easy for the operator to sample, record the data and download to a PC or memory stick for reporting.



Contact Information:

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Product Features/Benefits:

- Simple to use, easy to calibrate
- Stores up to 300 sample measurements
- Facility to include: date, batch and sample name into each record
- Can store up to 9 different calibrations for multi-source applications
- Reduced sampling effort, leading to reduced costs
- Faster and therefore more accurate control of quality
- PC Based software application provided for data download and remote configuration



ENGINEERING YOUR SUCCESS.

This is a Safer Environment

The Lab Ash comprises two main parts: a sample measuring chamber and a display unit. There is also a joggle table which is used to ensure a consistent compaction of the sample while filling the beaker. The sample chamber is a substantial lead walled cylinder containing a scintillation crystal and associated electronics. The crystal is positioned vertically in the centre of the chamber so that when a special beaker containing the coal sample is lowered into position the crystal is evenly surrounded by the sample. The mains powered display unit provides the user interface and is housed in a case suitable for desk or bench top operation.

Specifications

Principle of Operation	Natural Gamma (no radioactive resource)
Application	Coal ash quality monitoring
Sensor Type	Scintillation crystal
Sensing Method	Natural Gamma detection
Response Time	< 3 minutes
Weight	Sample chamber 140 kg
Height	300 mm
Diameter	430 mm
Input Voltage	240 VAC
Electrical Connection	UK, USA or Euro mains plug

How to Order

The correct part number is easily derived from the following number sequence

BM0900	K
Series	Plug Type
BM0900 Lab Ash	K UK mains plug U USA mains plug E European mains plug