

# Portable Ash Instrument Analyser

Ash Probe



## Quick & accurate ash readings within seconds.

The Parker Bretby Gammatech Ash Probe is a hand portable instrument for measuring the ash content of piles, wagons or trucks of coal. It measures the natural gamma radiation emitted by the impurities that make up the ash content of coal (Thorium, Potassium, etc.). It does not contain a radiation source and is therefore perfectly safe and requires no special training to use. It also provides significant reductions in time delays in gaining accurate ash results.



## Contact Information:

Parker Hannifin Manufacturing Ltd.  
**Instrumentation Products Division,  
Europe**  
President Park, President Way  
Sheffield, S4 7UR  
United Kingdom

phone 0044 (0) 114 224 0000

[www.parker.com/ipd](http://www.parker.com/ipd)

## Product Features/Benefits:

- Simple to use, easy to calibrate
- High resolution colour touch-screen display
- Multi language user interface with more languages being added all the time
- Much quicker than conventional sampling and analysis
- Reduced sampling effort, leading to reduced costs
- Measurement accuracy: better than 1% ash content
- Stores data for up to 99 piles (99 samples each) or 600 wagons/trucks (12 samples each).



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# This is a Safer Environment

The Parker Ash Probe comprises two parts: the probe and the display unit. The probe is inserted into the coal pile and connected to the lightweight AshGraffix colour touch-screen display unit. Within a minute, the ash content of that area will have been measured and displayed. Taking measurements from several key areas of the pile or truck will give an accurate overall ash content.

## Specifications

Principle of Operation	Natural Gamma (no radioactive resource)
Operational Temperature range	-20 to +50°C
Accuracy	0.5%-1%
Probe Weight	2.9 kg
Probe Dimensions	640mm long x 53mm diameter
Display Unit Dimensions	220mm x 168mm x 55mm
Display Unit Screen	7" high resolution TFT touch-screen
Display Unit Battery Charger	3 Stage plug-in unit for use on an 85 to 240-volt AC supply
Probe to Display Unit Cable Length	3m or 10m
Optional Cold Climate Display Unit Cable Specification	LAPP OLFLEX 440 CP 3G 0.5 cold climate cable (-40°C to +90°C)
Data Download Cable Length	2m
Minimum Sample Measurement Time	60 sec
Maximum Sample Measurement Time	600 sec
Environmental Rating	IP65

## How to Order

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

<b>BM0600</b>	<b>A</b>	<b>K</b>	<b>C</b>	<b>L</b>	<b>03</b>
Series	Head Material	Plug Type	Cable Type	Accessory	Cable Length
<b>BM0600</b>	<b>A</b> Aluminium	<b>K</b> UK Plug	<b>C</b> Cold climate	<b>L</b> Calibration kit	<b>03</b> 3m
Ash Probe	<b>S</b> Stainless Steel	<b>U</b> US 2 Pin Plug <b>E</b> European Plug	<b>N</b> Standard climate	<b>B</b> 2 x 10m cable	<b>10</b> 10m

