

For all your metal recycling needs

JMC Recycling Systems



The *NEW* JMC MiniSort Metals Analyser

The new MiniSort hand-held metals analyser is a compact, light-weight and easy to use system able to identify and sort different alloys of different base metals.

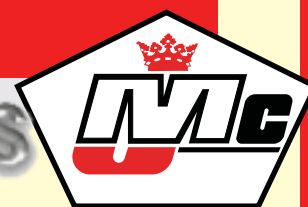


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Hardware

3600 pixel CCD mini-optic for wavelengths from 230nm to 640nm. The LiFePo battery pack will permit 250+ analysis from full charge. The battery pack is removable and can be recharged using the standard 'Fast-Charger' within 2 hours. Multiple battery packs can be used to extend the use of the JMC MiniSort. It may also be operated from mains electrics via the charger. The charger can be linked to a PC via any available serial port to enable interrogation of the MiniSort allowing you to add, delete or amend entries in the alloy table. The 1.7A dc arc plasma is generated using a silver electrode. Burn conditions are factory set for optimum performance.

Software

Operating within a Windows Mobile™ environment, RMG proprietary software with simple touch screen interface makes the JMC MiniSort easy to use.

Testing the Metal

Each base metal has three test properties;

- 1) Single Burn
- 2) Analysis (Multi-Burn)
- 3) ID only where only the alloy name is displayed

There is also an Auto-ID facility which can be used when the base metal is not known. Keeping it simple and easy to use it has simple menus for all operations - no degrees necessary. The extensive pre-loaded Alloy Table can be amended by the user on the MiniSort via a PC link. data is logged for retrieval and archiving of analyses via the PC link. Bluetooth™ technology is installed and can be used for data transfer and printing.

Analysis

The JMC Minisort can be calibrated for alloys of a range of different base metals including Irons & Steels, Aluminium, Copper, Titanium, Nickel, Zinc and Magnesium. Other bases may be available on request. Calibrations are prepared against certified standards analysed samples or suitable alloys.



MiniSort Dimensions: 300x320x100mm

Weight: 2.4kg



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