



VERICHEK

Technical Services, Inc.



MINISORT II

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MINISORT II

Technical Specifications

The **MINISORT II** is a battery-powered, extremely portable metal sorter that is easy to operate. This allows the user to identify a wide range of metal alloys in virtually any location.

With the **MINISORT II**, you just can forget about expensive radioactive sources encumbered with complicated government licensing and disposal issues. The **MINISORT II** solves this dilemma by utilizing a self contained, 1.7A DC plasma simple arc-in-air design. Sample size & shape are unimportant and the preparation is minimized.

There is no complicated software to learn before operating the **MINISORT II**. A two-button user interface is all that is required to access all of the **MINISORT II's** powerful software. This allows the operator to begin identifying the same day the unit arrives.

The **MINISORT II** is supplied with a comprehensive "**ALLOY TABLE**" that can be customized by the end user to include alloys specific to their job application. Qualitative results are displayed from the "**ALLOY TABLE**" and include the approximate analysis of the sample being tested.

The **MINISORT II** uses the latest optical detectors in technology to maximize the analytical performance and eliminate daily standardization.

The **MINISORT II** can be calibrated for a wide range of alloys in many different base metals, including Ferrous (Steels), Aluminum, Copper, Titanium, Nickel, and Zinc.

Commercially available Certified Standards are used in the calibration of the **MINISORT II** during its production. The **MINISORT II** can also be calibrated with alloy samples supplied by the end user to meet their specific requirements.

Base Metal Available

- Aluminum
- Copper
- Ferrous
- Nickel
- Titanium
- Zinc
- Additional metal matrix upon request

Optics

- CCD mini-optic
- 225nm to 575nm

Operating System

- Proprietary software self loading
- 2 button interface for easy use

Physical Dimensions

- Height: 11.8" (300mm)
- Width: 3.9" (100mm)
- Length: 7.9" (200mm)
- Weight: 5.2 lbs (2.4 kg)

Environmental/Power Considerations

- Rechargeable Battery – 250+ analyses per full charge
- Automatic power sensor
- Power input: 120/240 VAC, 50/60 Hz

Options

- PC-Link Software
- Shipping Case – Aluminum Shell
- Blue Tooth Printer
- Blue Tooth Option