

PMI-MASTER Compact

Cost-effective, rugged and precise mobile metal analyser



Immediately ready for action!

Routine analysis at entry level

The PMI-MASTER Compact is a robust, mobile spectrometer for the precise analysis of the common alloys made of steel, aluminium, copper and nickel. Based on the true leader for mobile metal analysers, Oxford Instruments' long-established and well-proven PMI-MASTER PRO, the PMI-MASTER Compact is the cost-effective choice for routine analysis work including rapid material verification, PMI and sorting of different metals.

Easy and fast testing

Measurements are performed using an easy-to-handle probe – simply hold the probe to the sample, pull the trigger and read the result. The alloy grade and the chemical composition appear within seconds on the integrated touch-screen display. Depending on the application, different operation modes offer complete analysis and grade identification. The metal grade is identified automatically when performing tests and any exceedings of limits will be indicated.



The Business of Science®



Low operating costs and easy maintenance

The PMI-MASTER Compact is built to last. Its design has been optimised for the use in rough environments. The TFT touch screen is of solid making, dust-proof and resistant to frequent use even in harshest conditions.



Maximum uptime and field reliability is assured through low maintenance requirements and excellent serviceability. As no warm-up phase is required, the PMI-MASTER Compact is immediately ready for action when switched on.

The optical system is fully and automatically re-adjusted without any interaction by the operators. This process is constantly performed in the background during normal operation, making it unnecessary to warm-up the instrument.

Industries

Reliable, repeatable, flexible analysis for all segments of the metals industry for inspections, quality control and safety procedures:

- Metallurgical manufacturing
- Metal finishing
- Petrochemical and chemical
- Aviation
- Military
- Power plants
- Scrap sorting

Typical applications

- Fe alloy
- Al alloy
- Cu alloy
- Ni alloy



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