

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



Oxford Instruments Industrial Analysis

For more information please email: industrial@oxinst.com

UK

High Wycombe
Tel: +44 (0) 1494 442255

China

Shanghai
Tel: +86 21 6073 2929

Finland

Espoo
Tel: +358 9 329 411

Germany

Uedem
Tel: +49 (0) 2825 93 83 -0

Latin America

Concord MA
Tel: +1 978 369 9933 Ext. 220

Singapore

Tel: +65 6337 6848

North America

Concord MA
TOLLFREE: +1 800 447 4717
Tel: +1 978 369 9933

India

Mumbai
Tel: + 91 (0)22 4253 5100

Japan

Tokyo
Tel: +81 (0)3 5245 3251

visit www.oxford-instruments.com/oes for more information

www.oxford-instruments.com

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