

UVTouch

The **NEW** Smarter Probe for **PMI-MASTER PRO**



Verify on the spot!

When it comes to metals, PMI (Positive Material Identification) tools need to be small, sturdy and smart. For this reason we have designed a new, unique, detachable probe to be used with our **PMI-MASTER PRO** analyser.

With the new **UVTouch** you have all analysis information available on the probe – and without any compromise in analytical precision or elements to be determined.

Control of the main **PMI-MASTER PRO** unit is also possible by using the probe's advanced user interface.

Robust technology allows continuous use in any location, even in rugged conditions.

- No more working with heavy items on ladders or scaffolds. Just take the **UVTouch** probe and leave the spectrometer on the floor level!
- The only analyser with an optional 10 m flexible connection cable – ideal for difficult to reach areas

Product highlights

- Fast analysis, quick verification of results and sorting of material even on remote, difficult and hard to reach areas in industrial yards – just using the probe and its straightforward user interface
 - Long connection cable between the probe and main unit enables an operation radius of 10 metres from the main **PMI-MASTER PRO** unit
 - User interface on a probe – optimal contrast properties to view any lighting conditions inside and outside
 - Results displayed on both the probe and main unit thanks to an automatic high-speed connection between the systems
 - Easy access to sample surfaces thanks to the compact design of the nose
- Uncompromised accuracy and stability of analysis in varying environments – also for low C, P, S, Sn, As and B concentrations in steel
 - Argon purged optics in the probe
 - Adapters for irregular surfaces available
- Touch screen display on probe
 - Results immediately available for a quick check – no need to get back to the main unit
 - Access to the main functions of the spectrometer – a true remote function
 - Virtual keyboard on a touch screen – a labour-saving feature

10 m connection cable

To new extensions with the new OES probe!!



OXFORD
INSTRUMENTS

The Business of Science®

Reliable, repeatable, flexible analysis for all segments of the metals inspection industry for end-users, quality control systems and safety procedures



Easy-to-learn icon driven touch screen - bright and high contrast for optimal viewing even in direct sunlight

Convenient user interface & software

An embedded PC at the **UVTouch** probe runs the most user-friendly user interface with large icons and virtual keyboard.

- Display of element concentration and grade
- Access to main functions of the spectrometer from the probe
 - Change of analytical programme
 - Change of sample ID
 - Zoom function to improve readability
 - Store / print commands
 - Change of grade library, search for and compare with grade and many more...



Embedded optical system of the probe:

- Wavelength range 170–200 nm
- Argon purged for UV transparency
- Elements such as C, P, S, Sn, As and B in steel
- Typical detection limits 50 ppm
- Sturdy and reliable, shock-resistant mounting
- Compact design (300 x 120 x 90 mm, without handle)
- Smart nose design to approach even narrow spaces
- Detachable probe assembly



The design of the nose enables effortless access to samples with different surfaces and shapes

The **UVTouch** probe is the optional tool of Oxford Instruments' **PMI-MASTER PRO** mobile OES analyser. It does not operate as a standalone unit.

visit www.oxford-instruments.com for more information

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

www.oxford-instruments.com

This publication is the copyright of Oxford Instruments plc and provides outline information only, which (unless agreed by the company in writing) may not be used, applied or reproduced for any purpose or form part of any order or contract or regarded as the representation relating to the products or services concerned. Oxford Instruments' policy is one of continued improvement. The company reserves the right to alter, without notice the specification, design or conditions of supply of any product or service. Oxford Instruments acknowledges all trademarks and registrations. © Oxford Instruments plc, 2011. All rights reserved. Part no: OIIA/085/0411



The Business of Science®