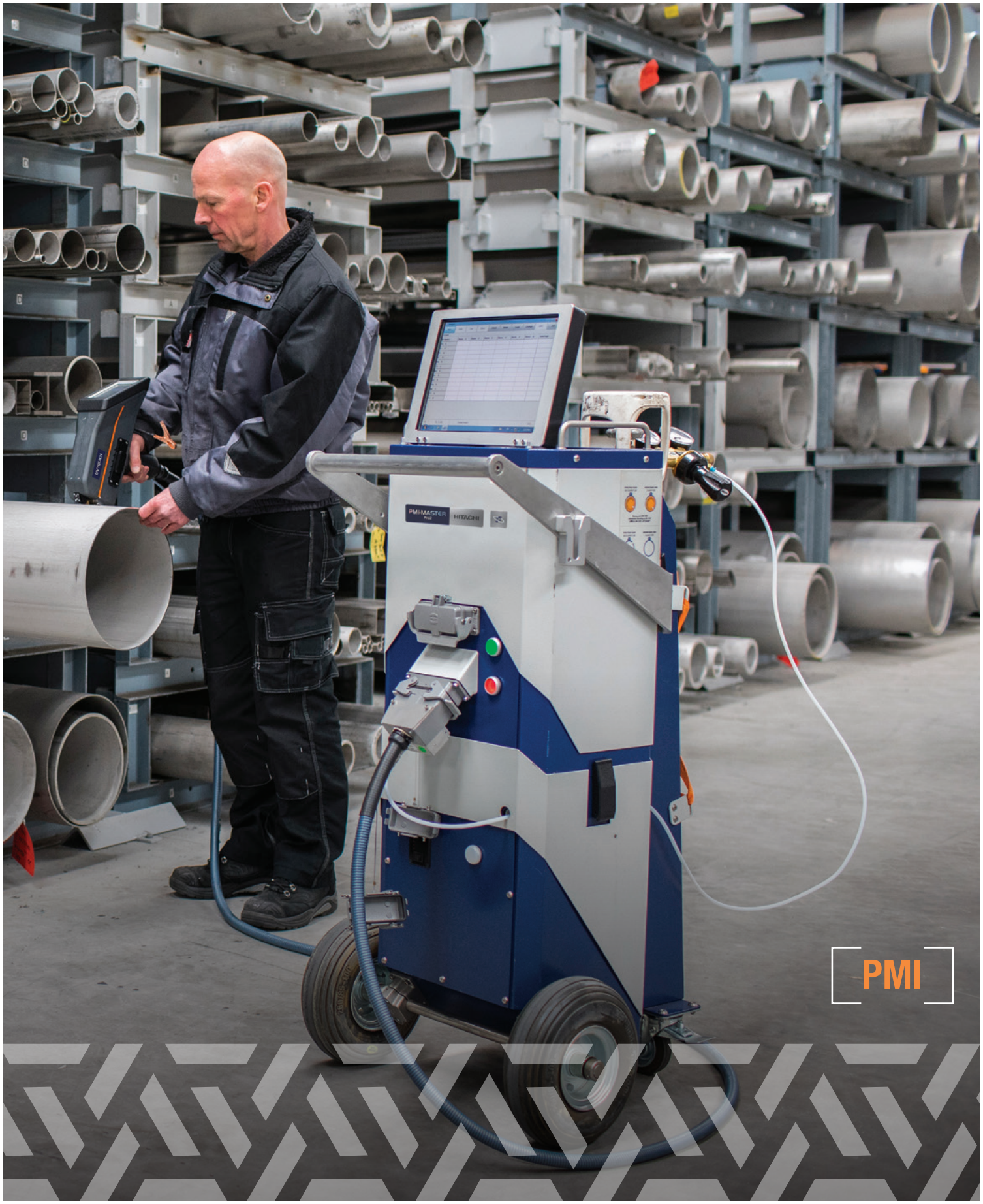
PMI-MASTER PRO2

HITACHI
Inspire the Next

Ultimate metals analysis on the go



If you're trying to prevent grade mix-ups of incoming and outgoing materials, conduct material verification and quality control, or maximize profits in a scrapyard then we've got the solution for you. With the PMI-MASTER Pro2, you'll have confidence that you're getting the analytical performance you need to make the right decisions.

Reliable carbon analysis

Accurate carbon analysis from L grade stainless steels to low alloy and carbon steels.
You can measure carbon and boron with any of our probes. With a UVTOUCH probe, you can measure phosphorous, sulfur and boron as well as nitrogen in duplex steels.

This is why spark OES is the most trusted and widely used method for creation and verification of MTRs (mill testing reports) in the world. Our optical emission spectrometers also meet the world most stringent PMI metallurgical alloy chemistry testing requirements including API 5L, ASME section IX B&PV, ISO 17025 and A2LA standards.

Why the PMI-MASTER Pro2 is the perfect tool for your business

READY TO GO

Short warm up time means you're up and running in no time.

LONG BATTERY LIFE

Cordless on-site operation allows up to 750 measurements in an eight hour shift.

LOW ARGON CONSUMPTION

Concentric electrode shielding argon flow technology reduces air gaps and optimizes gas flow.

CHOICE OF PROBES

Different probes allow flexible application work: arc, spark a combination of both, and UVTOUCH.

UNIVERSAL ADAPTORS

Rubber seal for concave and convex surfaces allows analysis of almost any sample including complex shapes and irregular geometries, wires (min. 1 mm thin).

GRADE DATABASE INCLUDED

The largest metals database for fast and easy grade identification is preinstalled with more than 12 million records for over 340,000 materials from 69 countries and standards.
Eliminate time-consuming research.

Made in Germany

Our instruments are purpose designed and tested for the most demanding environments.
This means we are able to deliver ultimate quality control with no compromise on our products.

A choice of probes

UVTOUCH – MOST POPULAR CHOICE

Choose for low detection level of carbon, phosphorous, sulfur, boron, arsenic and tin in low alloy and stainless steels. It also offers L grade separation and nitrogen in duplex steels.

The probe includes a screen for easy viewing of analysis results and control of main spectrometer functions. Extended wave length range of probe's optic – 165 to 210 nm.

SPARK

Choose for reliable spark analysis of standard elements including carbon. Robust design.

Various sample adapters available.

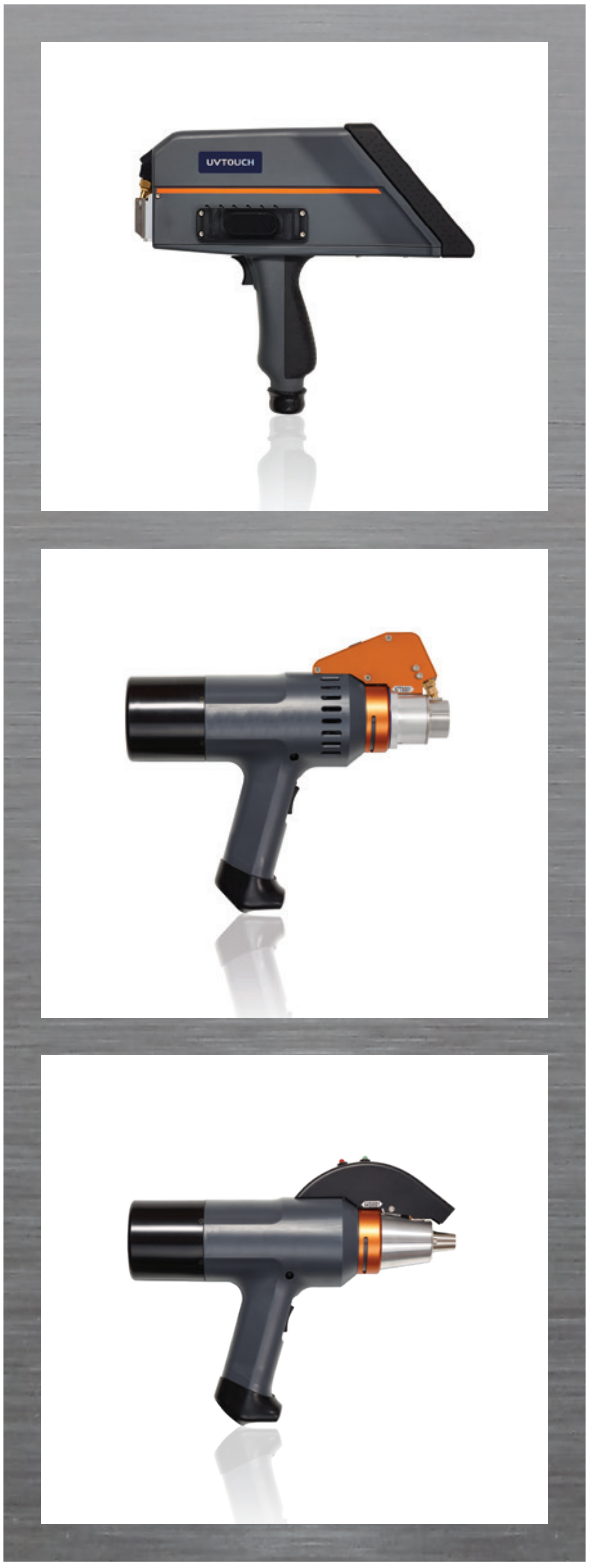
COMBINATION OF ARC AND SPARK

The best of both worlds, your probe will include both arc and spark modes.

ARC

Choose for sorting and grade verification of metals with arc in air atmosphere, especially tubes, wires and small parts.

No argon needed and results in three seconds.



Our Service

Our global network of service hubs offers a full range of technical support to keep you up and running.

- **Telephone help-desks**
  For a fast response to your problem.
- **Online diagnostics**
  In-depth support over the internet.
- **Preventative maintenance**
  Ensures your analyzer produces the right result year after year.
- **Training**
  Understand your analyzer and its features.
- **Extended warranties**
  Avoid unplanned costs.
- **Consumables and accessories**
  From sample preparation to calibration standards.
- **Repairs**
  Fast and efficient turnaround.

WHAT NEXT?

Contact one of our experts today at contact@hitachi-hightech-as.com to arrange a demo.

MORE INFORMATION

To find out more about the PMI-MASTER range of analyzers, visit www.hitachi-hightech.com/hha

Other products

We've been providing industrial analysis products for over 45 years.

- **Handheld LIBS:** latest technology for 1-second alloy identification with no X-rays.
- **Handheld XRF:** for fast, reliable, non-destructive identification and analysis of alloys.

Hitachi High-Tech Analytical Science

Science for a better tomorrow

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