



Robust and efficient for high throughput metals analysis



Designed for the harshest conditions

Seamless quality control is essential in metal production.

The TEST-MASTER Pro is the ideal instrument for metal processing companies looking for a fast, mobile and robust analyser.

This optical emission spectrometer is designed for high throughput and 24/7 operation thanks to rapid measurement times and special hardware design.

The preinstalled GRADE Database is the largest metals database on the market for fast and easy grade identification. It offers over 12 million records for 329,000 materials from 69 countries and standards – no time consuming research in norms and grade catalogues.



Technical Specifications

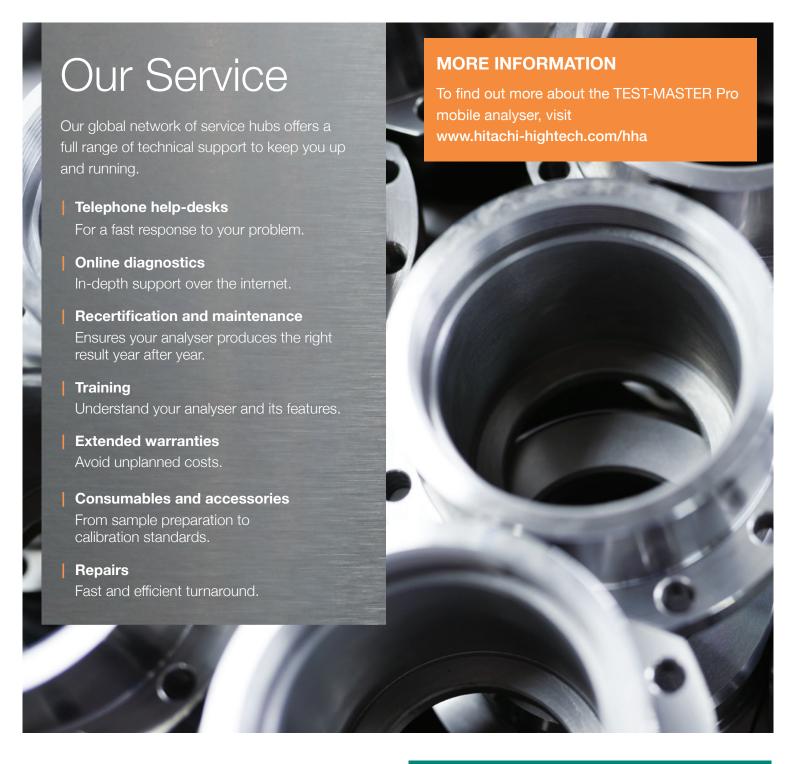
Software and user interface

Touch screen user interface

Height / width / depth	1000 mm	650 mm	1115 mm
Weight	70 kg		
Power	230 - 110 VAC, 50 / 60 Hz		
Optical System			
Multi-CCD	Paschen-Runge mounting		
Wavelength range	185 – 672 nm		
Focal length	400 mm		
Solid state source			
Frequency	80 – 500 Hz		
Voltage	250 – 500 V		
	High Energy Pre-Spark (HEPS)		
Probe (optional)			
Multifunctional arc / spark adapter head, LEDs for Pass / Fail sorting			
Weight	1.3 kg		
Cable length	4 m / 8 m / 10 m (automation)		

Internal computer unit, up-to-date technology with Microsoft® Windows®





Other products

We have been providing industrial analysis products for the materials analysis for over 40 years.

- Handheld LIBS: latest technology for 1-second alloy identification with no X-rays.
- Handheld XRF: for portable analysis of bulk materials and ensuring compliance to consumer goods and electronics regulatory statutes.

@Hitachi High-Tech Analytical Science

This publication is the copyright of Hitachi High-Tech Analytical Science Ltd 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. Hitachi High-Tech Analytical Science Ltd's 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.

Hitachi High-Tech Analytical Science Ltd acknowledges all trademarks and registrations.

© Hitachi High-Tech Analytical Science, 2017. All rights reserved.

Part number: 6300000116







