



**ARUN**  
TECHNOLOGY

# ARTUS 8

HIGH PERFORMING OES METAL  
ANALYSER



The ARTUS 8 fulfils the requirement of providing fast, precise and accurate analyses. It is one of the most powerful and reliable spectrometers, offering a bespoke range of analytical programs including steels, aluminium alloys, and copper alloys. It offers the latest CMOS detector technology, providing accurate results with high repeatability.



## BRINGING PERFORMANCE AND RELIABILITY

Quality Control and Assurance are essential to making your business successful. The ARTUS 8 is the ideal companion for incoming material, in-process testing, independent laboratory testing and final quality inspection. It is widely used in the steel manufacturing, aerospace, automotive, aluminium extrusion, and carbon steel industries. Specially designed adapters means small or awkwardly shaped samples can be analysed, and the extensive grade library means grade ID can be performed instantly for a wide range of alloys.

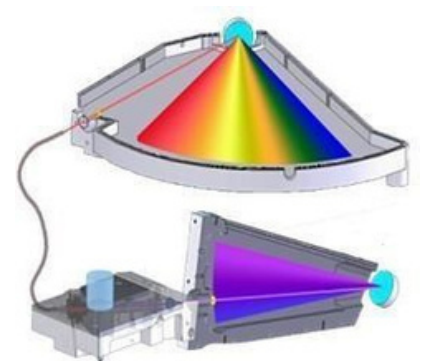
## LARGE SPARK PLATE

The plate's corrosion resistant surface and heat dissipation composition ensures 24 hours of uninterrupted and stable analysis.



## LOW ARGON CONSUMPTION

The ARTUS 8 is designed to minimise argon consumption - 5L/min flow rates during burns are reduced to 0.5L/min during standby. And if the device is left idle for a long time, it will enter sleep mode and only consume 0.1L/min of argon.



# USER FRIENDLY SOFTWARE

The intuitive and simple to use ARUN Analytical software package makes the ARTUS 8 instrument accessible to users with minimal training required - analysis is triggered at the press of a button, with results displayed instantly on the main interface. Grade matching, quality control and data export are all available directly from the toolbar, with advanced features accessible through password protected admin and engineer user profiles.



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## KEY FEATURES

- 3-side open spark stand with XY-sample clamp
- Controlled by PC or laptop
- CMOS detector technology

# TECHNICAL SPECIFICATIONS

Optical System	Paschen-Runge
Detector	CMOS
Wavelength Range	140-680nm (Ultimate) 170-680nm (Standard) 210-680nm (Visible)
Power Supply	Line input 90 or 260 volts AC 50-60 Hz
EMC	IEC61000-4-2 IEC61000-4-4 IEC61000-4-5
Working Temperature	10° to 35°C
Operating Humidity	20-80%
Argon Purity	99.998% Minimum 99.999% Ideal
Argon Flow	When Burning – 5L/min Standby Mode – 0.5L/min Sleep Mode – 0.1L/min
Software	Intuitive software for simple routine operation. Various user levels for secure and task-specific operations.
Dimensions	72 x 44 x 81 cm
Weight	80kg





ARUN Technology LinkedIn



16 The Brunel Centre  
Newton Road  
Crawley, West Sussex  
RH10 9TU

Telephone: +44 (0) 1293 513123  
Email: [sales@aruntechnology.com](mailto:sales@aruntechnology.com)  
Website: [www.aruntechnology.co.uk](http://www.aruntechnology.co.uk)



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