



ARTUS 8

High Performance Metal Analyser



Our spectrometers are designed to perform quick and reliable measurements. ARUN Technology offers a wide portfolio of calibrations to choose from. If you require something special: tailor-made calibrations can be created by our application development team.



TECHNOLOGY AT WORK FOR YOU

The **ARTUS 8** fulfils the requirement of providing fast, precise and accurate analyses for the perfect melt. It is our most powerful and reliable spectrometer offering a complete range of analytical programs including:

- cast iron
- steels with carbon and nitrogen and
- all alloying elements and the traces needed for treatment.

It offers all the advantages of a flexible and versatile CCD spectrometer. It even challenges some applications with classical photomultiplier systems, which are still the benchmark in high-end OES.

ARTUS 8 KEY FEATURES

- Compact benchtop model
- 3-side open spark stand with XY-sample clamp
- Controlled by PC or laptop
- Bespoke A-PLUS software
- Windows 10 operating system
- Ethernet connectivity
- High-resolution, full spectrum optical systems
- High-resolution CCDs
- No vacuum pump
- Holographic diffraction grating
- Digital spark source
- High analytical performance
- Fast sample turnaround
- Ease of use
- Economical to run

APPLICATION PROGRAMS

The range of factory calibrations is

comprehensive with a wide choice of analytical programs for all applications + their alloys that include:

- Iron and Steel
- Cast Iron
- Aluminium
- Copper
- Magnesium
- Nickel
- Lead
- Tin
- Cobalt
- Titanium

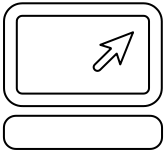


THE ARTUS 8 BRINGS PERFORMANCE AND RELIABILITY TO YOUR BUSINESS

Quality Control and Assurance are essential to making your business successful. The **ARTUS 8** is the ideal companion for incoming material, in-process testing and final quality inspection.

Risks such as material mix-ups and machinery damage are reduced, thanks to

- adapters which detect and analyse oddly shaped samples and small pieces and
- the optimisable grade library which visually displays non-compliance alloy specifications.



A-PLUS SOFTWARE:

Performance at the click of a button

It is not only the optical resolution that determines the analytical power of the instrument. ARUN's A-PLUS software is a bespoke software package that has a powerful spectrometric hub as well as all the needed added features that help in daily routine work and make the use of the instrument efficient and a pleasure to operate.



SOFTWARE FEATURES

- Foreign language menu capability
- Factory calibrated programs traceable to CRMs
- Automatic average calculation
- Display of single or multiple analysis
- Display of mean, standard or relative standard deviation
- User configurable results screen
- Formula editor (Carbon Equivalent, Total Trace, etc...)
- Quality control and identification functions
- User defined export functions
- User configurable grade library
- Report generator, print or PDF output, selected by sample ID field content
- User standardization for global or individual program
- User configurable Type Standardisation
- Storage and retrieval of data

TECHNICAL SPECIFICATIONS

Weight and dimensions

Weight: 80kg

Packing Weight: 130kg

Instrument size: 721 x 440 x 780mm

Packing size: 980 x 990 x 770mm

Electrical requirements

Line input 90 or 260 Volts AC 50-60 Hz

Automatic voltage stabilization

Environmental requirements

Operating temperature 10 to 35°C

Storage temperature -10 to 70°C

SERVICE & SUPPORT

At ARUN Technology, we understand the importance of your spectrometer's uptime and reliability. Our customers experience exceptional service and support throughout the lifetime of their instrument. To ensure this, we provide a global network of service partners with factory-trained engineers. They provide local support to all our iARUN Technology instrument end-users. The ARUN ASSIST Programme is setup to provide assistance with

- installations
- online diagnostics and remote support
- preventative maintenance
- calibration checks
- extended warranties
- spares
- consumable packages

WHAT NEXT?

Get in touch with one of our global Sales Agents, Channel Partners or Distributors for a demonstration or for more information about our products and services.

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