

## RELIABLE. QUALITY. CONTROL.

For more than 30 years Belec has been developing successfully spectrometers (Arc-Spark-OES) to measure the elemental concentration of metals. Our mobile or stationary spectrometers fulfill the high demands in terms of quality assurance of our worldwide customers. Belec has been known to provide flexible solutions for various applications. A young and dynamic team is realizing innovative ideas and sets high value on customer contacts and feedback.

**Be it mobile or stationary spectrometer – Belec should be your first choice. Contact us now to schedule an appointment to get an individual advice for your application.**

[www.belec.de](http://www.belec.de)



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SPEKTROMETRIE OPTO-ELEKTRONIK  
**belec**

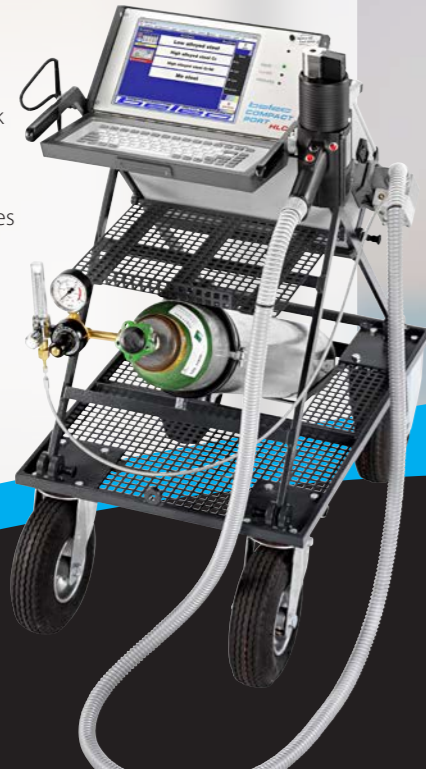
RELIABLE. QUALITY. CONTROL.

**HIGHLY PRECISE AND ACCURATE METAL ANALYSIS –  
WITH SPARK OPTICAL EMISSION SPECTROMETERS**

## belec Compact Port HLC

The world's only portable hybrid spectrometer for perfect analysis of carbon combined with best and unique flexibility in terms of sample sizes and shapes.

- Mobility by trolley
- Analysis of C, P & S
- Analysis of Nitrogen (N) in Duplex Steels\*
- Quick mix-up check and PMI by Air Sparking Probe
- Unbeaten accuracies (C < 0,005 %)



# belec-SPECTROMETER – AT A GLANCE

## belec OPTRON – SIMPLICITY MEETS EFFICIENCY

Simple to operate. Ultra precise. The new ultra compact class guarantees an unbeaten performance using the unique double spectrometer design.

- Multi-Matrix capable
- Plug-and Play operation
- Near Maintenance free operation
- Very cost effective
- Integrated, dynamic alloy database



## belec IN-SPECT

The compact bench-top spectrometer for metal analysis. The high performing instrument combines most of the features of a complex laboratory instrument in a compacted way.

- Service- and operator friendly design
- Low detection limits – Excellent precision
- Free accessible sparking stand for bigger samples
- Integrated, dynamic alloy database



## belec Vario Lab – EXTRA FLEXIBLE

Probably the most flexible laboratory high-end-spectrometer, combined with best precision and accuracy. For universal use it can be equipped with an additional sparking probe\*.

- Highest analysis accuracy and precision
- Maximum long term stability
- Low detection limits
- Virtually no limitations in terms of sample size and shape
- Free accessible sparking stand for larger samples
- Very low operating costs
- Integrated, dynamic alloy database



\* optional