INTRODUCING:

BELEC IN-SPECT

MAXIMUM. COMPACT.

With the completely redesigned metal analyzer Belec again sets new standards. The all new Belec IN-SPECT with its unique dual-spectrometer optics guarantees unbeaten performance in conjunction with significantly reduced maintenance costs in this instrumentation class.

It is used in the classic smelting control in foundries as well as in goods receiving, recycling or in regular quality assurance for production control.

The Belec IN-SPECT is a true multifunctional wonder: Almost unlimited in the number of measuring programs, it fulfills almost every requirement combined with extremely attractive pricing.

belec IN-SPECT

The Lab on the desk

SPEKTROMETRIE OPTO-ELEKTRONIK belec

RELIABLE. QUALITY. CONTROL.

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BELEC IN-SPECT

Product Highlights

– High performance ability due to the latest 7GSO System (7th Generation Spectrometer Optic System)
– Latest state-of-the-art detectors, developed for spectroscopy application
– Compact construction
– Service- and operator friendly design
– Low detection limits
– Excellent precision
– User-friendly software Belec Win 21
– Free accessible sparking stand for larger or bulky samples
– NEW Attractive design
– Installation and operator training provided by qualified personnel
– Wide selection of adapters for different sample sizes and shapes

TECHNICAL DATA

Software
– Analysis-Control Program Belec Win 21
– Customer specific Measuring programs
– Automatic grade identification
– Integrated, dynamic alloy database

Optics
– Double-spectrometer, UV-side argon flushed
– Zeiss-Grating with 3600 lines / mm
– Wavelength range: 140 – 700 nm
– MCDC System (Multimatrix- Channel Drift Correction)

Source
– Max. 400 Hz frequency
– Unipolar discharge

Sparking Stand
– Open sparking stand with minimum argon consumption, near maintenance free
– Adapters for wires, tubes etc.
– Pneumatic sample clamp

Dimensions
Width: 610 mm
Height: 360 mm
Depth: 650 mm + 155 mm for sparking stand
Weight: 44 kg (108 lbs)

Power Supply
– 230 V / 50 Hz or 115 V / 60 Hz
– 20 W / Stand-by, 500 W / Analysis

Computer
Computer:
– System integrated industrial computer system
– 250 GB SSD
– Ext. Display, Keyboard, Mouse
– Several interfaces
– Windows® 10 IoT Enterprise

Subject to technical modifications

belec IN-SPECT

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