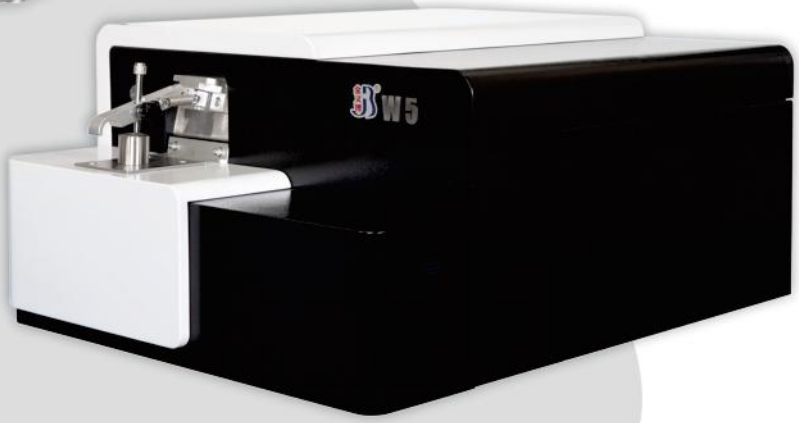
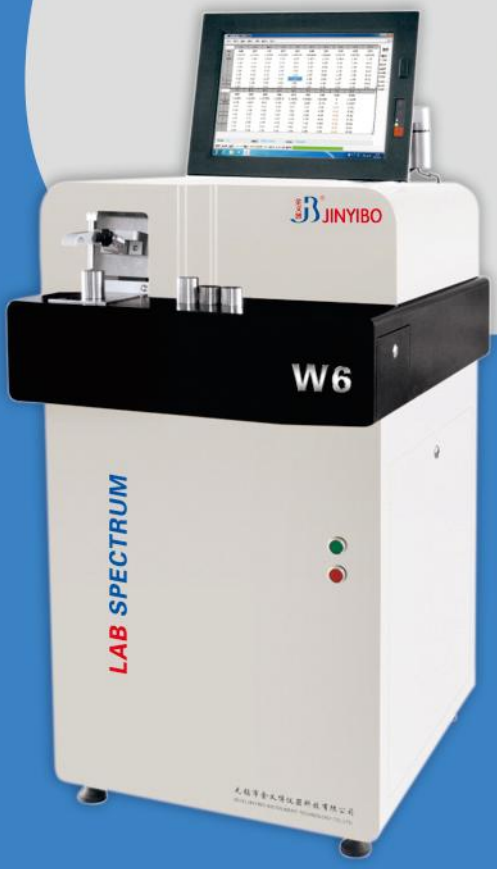
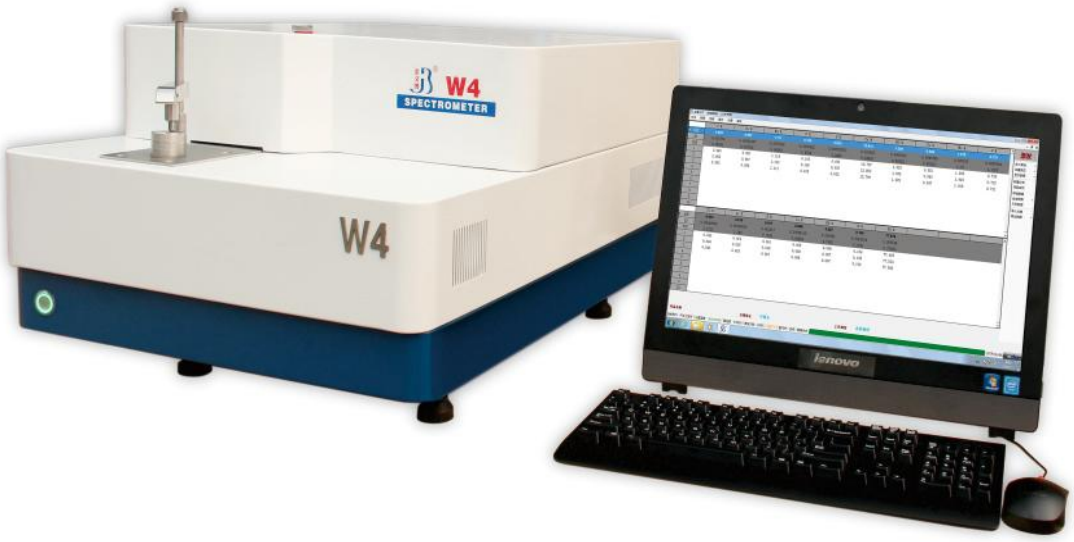
JYBO INSTRUMENT | 金义博®

OPTICAL EMISSION SPECTROMETER





W4 Optical Emission Spectrometer
Ideal Solution to Metal Analysis



– High resolution CMOS readout system
– Low total cost of ownership
– Vacuum optics enabling fast stabilization
– Excellent long–term stability
– Ferrous and non–ferrous applications

Item	W4
Grating Line	3600m1/mm
Focal Length	300mm
Wavelength	165–580mm(Extendable)
Argon Flow Rate	Spark:6.5L/min Standby:0L/min
Power Consumption	Spark:400W Standby:50W
UV Emission	Vacuum

Applications:

Steel Plants Where needs are at around 100 PPM levels or elements like C, Cr, S, P etc.

Rolling Mills, Foundries, Workshops: Rapid analysis; test several 100s of samples daily

Alloy Manufacturers: Any number of bases / matrices; highly stable and precise

Medium–sized Industries: Extremely rugged and economical; low cost / analysis

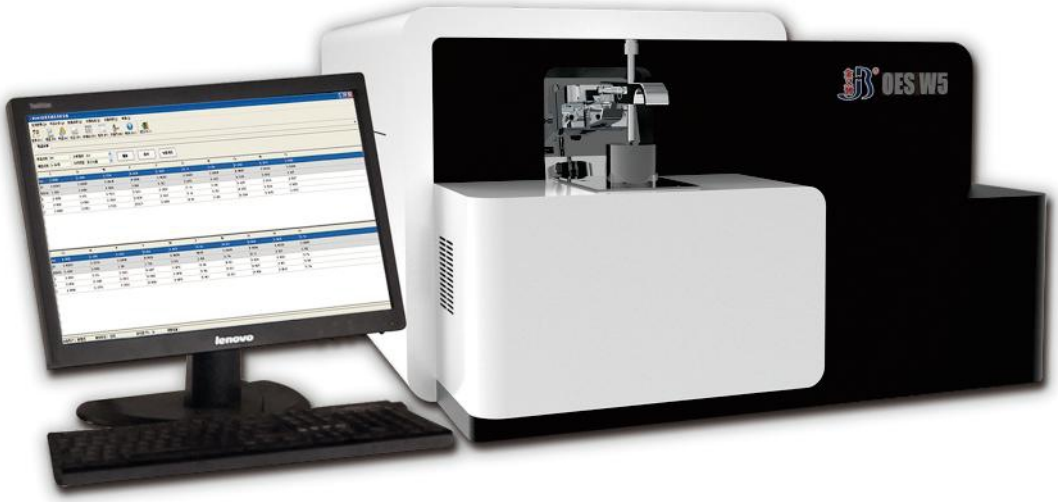
Foundries which need a quick analysis near the furnace

Warehouse Material Identification

Base: Fe, Cu, Al.

W5 Optical Emission Spectrometer

The 4th Generation High Performance Metal Analyzer



– Ultra–low limits of detection
– High integration, reliability, stability
– Lowing operating cost, easy maintenance
– Vacuum optical chamber, low argon usage
– Maximum 30+ elements
– High nitrogen (N) analysis 0.03%–0.9%

Item	W5
Grating Line	2400m1/mm
Focal Length	400mm
Wavelength	165–580mm(Extendable)
Argon Flow Rate	Spark:7.5L/min Standby:0L/min
Power Consumption	Spark:750W Standby:100W
UV Emission	Vacuum

Applications:

Large Steel Plants Where needs are at around10 PPM levels or elements like C, N, Cr, S, P etc.

Testing Laboratories: Commercial testing laboratories, Universities and colleges

Pure Metal Applications purity Al, Pb, Zn, Mg etc.– most industrial users

Regulatory Compliance Very low LODs to control Pb, Cd, As etc.

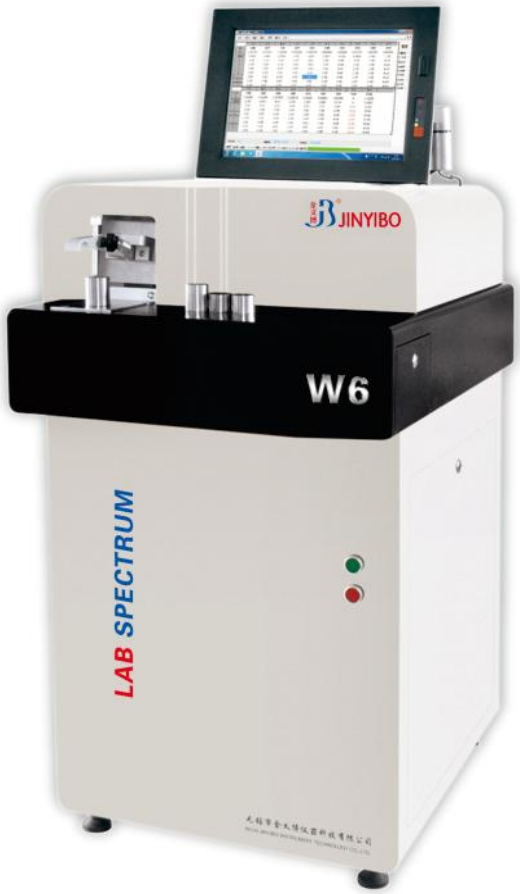
Foundries which need a quick analysis near the furnace

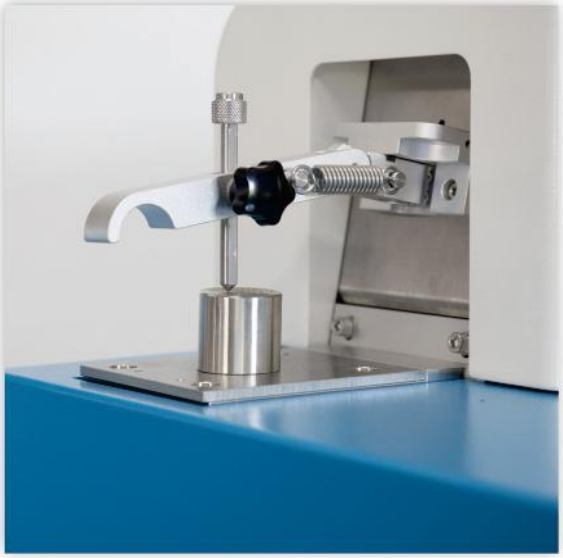
Manufacturing Facilities

Warehouse Material Identification

Base: Fe, Cu, Al, Ni, Co, Mg, Ti, Zn, Pb, Sn, Ag, Mn, Cr etc

W6 Optical Emission Spectrometer
Ultimate Performance for Metal Analysis





Item	W6
Grating Line	2400m1/mm
Focal Length	400mm
Wavelength	130–800mm(Extendable)
Argon Flow Rate	Spark:7.5L/min Standby:0L/min
Power Consumption	Spark:400W Standby:100W
UV Emission	Vacuum

– Multi–bases, full spectrum analysis for utmost elemental flexibility
– Ultra–low limits of detection
– Wavelength range:130nm–800nm, maximum 30+ elements
– Long–term stability and repeatability
– Ultra–low carbon,low nitrogen analysis 0.005%–0.93%

Applications:

High–end Laboratories Defense, Railways, pure research, etc.

Large Steel Plants Rapid analysis with limits in low to single–PPM range on C, S, P, B, N, Ti

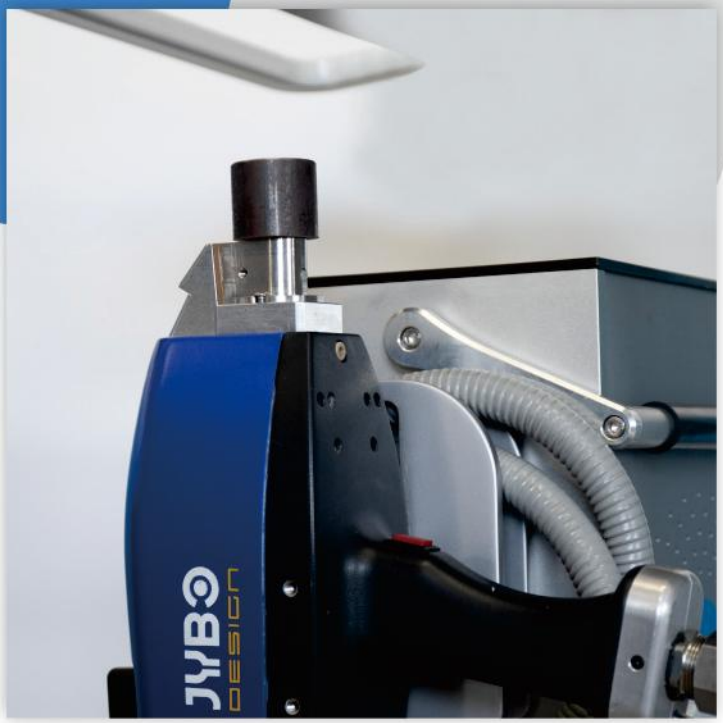
Pure metal applications 99.95%+ purity Al, Pb, Zn, Cu etc.

Regulatory compliance Very low LODs to control Pb, Cd, As etc. (e.g. ship–making)

Specialty alloy makers: Wide range of elements with low detection limits

Manufacturing Facilities

Base: Fe, Cu, Al, Ni, Co, Mg, Ti, Zn, Pb, Sn, Ag etc



SP6 Mobile Metal Analyzer

– Flexible,reliable and safety on–site analysis
– Anytime,anywhere,on–site inspection
– Positive Material Identification(PMI)
– Light–weight to be about 20Kg
– High accuracy and stability
– Suitable for analysis task in different conditions
– Compact rugged with high–performance optics

Key Applications: Make on–site analysis come true for a foundryworkshop or forge –shop or in scrap yards or on the aerial rack etc.

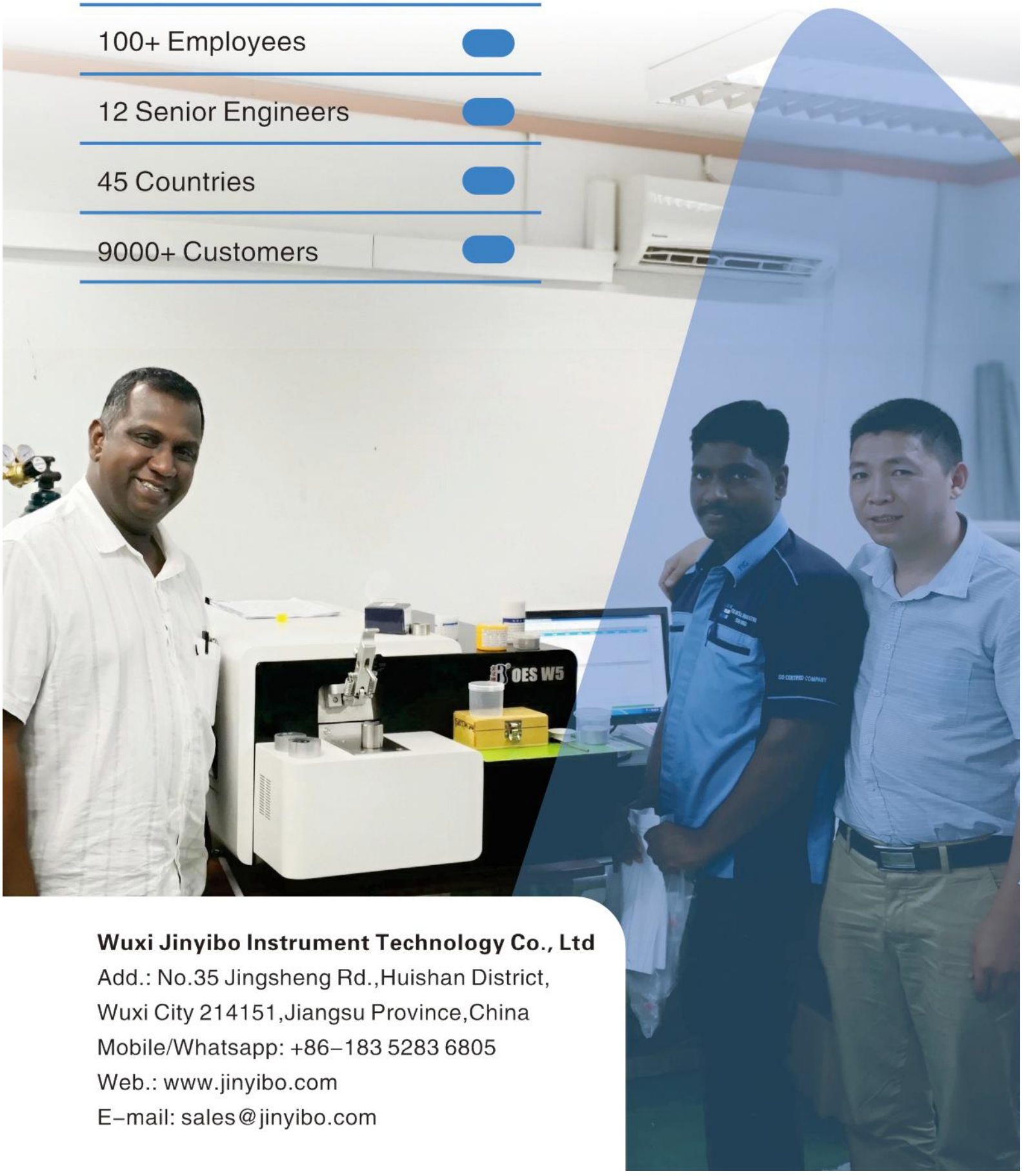
39 Years of Experience

100+ Employees

12 Senior Engineers

45 Countries

9000+ Customers



Wuxi Jinyibo Instrument Technology Co., Ltd
Add.: No.35 Jingsheng Rd.,Huishan District,
Wuxi City 214151,Jiangsu Province,China
Mobile/Whatsapp: +86–183 5283 6805
Web.: www.jinyibo.com
E–mail: sales@jinyibo.com