

SPECTROMETER CODE OES-T350

Can customize other metal matrix detection , such as:
Fe (004~009), Al, Cu, Zn, Ti, Ni, Pb, etc



- The standard machine can do analysis Fe 001~003
- The full-spectrum technology covers the full range of element analysis, which can determine trace amounts of carbon (C), phosphorus (P), sulfur (S) and other elements
- The analysis speed is fast, and the element composition of all channels is measured within 20 seconds
- Paschen-Runge structure with full wavelength coverage, the most concise and stable optical system structure
- Perfect aberration correction, so that the spectrometer has excellent resolution, minimize the cross interference of different elements
- Argon-filled optical chamber, effectively reducing the attenuation of P and S rays in the far ultraviolet region
- The software has automatic spectrum correction technology, can store database, trace historical data, output and print reports
- Report format can be customized, data can be sent out

SPECIFICATION

Optical system	Optical structure	Paschen-Runge structure
	Rowland circle of diameter	350mm
	Wavelength range	160~510nm
	Detector	Multi high resolution CCD detectors
	Pixel resolution	20pm
	Full spectrum	Cover the full range of element analysis
Spark source	Light room temperature	34±0.5°C (be controlled automatically)
	Type	Digital arc and spark source/ New plasma generator
	Spark frequency	100~1000Hz
	Plasma current	1~80A
Spark stand	Lgnition voltage	>7000V
		Spray discharge electrode technology reduces argon consumption and improves argon use efficiency
Others		Good heat dissipation, continuous excitation for 100 times, the temperature of the excitation table does not rise more than 5°C
	Measurable elements	Fe base, Al base, Cu base, Zn base, etc
	Operating temperature	10~30°C, 23±2°C is recommended
	Operating humidity	20%~80%RH
	Power	AC220V/50Hz
	Power consumption	Excitation:300W, stand by:40W
	Argon quality	99.999% High purity argon, argon pressure≥4MPa
	Argon consumption	5L/min during spark mode
Dimension(LxWxH)	700x660x340mm	
Weight	30kg	

STANDARD DELIVERY

Main unit	1pc
Computer	1pc
Software	1pc
Printer	1pc
Calibration sample	1pc
Electrode brush	2pcs
Filter element	2pcs
Single-phase AC voltage regulator	1pc
Pressure valve	1pc



printer(included)



calibration sample(included)



electrode brush(included)



filter element(included)



single-phase AC voltage regulator(included)



pressure valve(included)

OPTIONAL ACCESSORY

Control sample	Custom specifications
Argon cylinder	OES-T350-ARGON
Grinding prototype	Code: OES-T350-GRIND For ferrous metal sample preparation
Small lathe	Code: OES-T350-LATHE For non-ferrous metal sample preparation
Argon purifier	OES-T350-PURIFIER

15# carbon steel control sample(**optional**)gray iron control sample(**optional**)