



Atomic Absorption Spectrophotometer TRAS-601

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Description

Atomic Absorption Spectrophotometer TRAS-601 is an integrated computer data processing device whose wavelength ranges from 190 to 900nm. Spectrum bandwidth with ranges of 0.2 nm, 0.4 nm, 0.7 nm, 1.4 nm, 2.4 nm, 5.0 nm. Special devices for quick gas conversion and safety protection can be used to analyze air-acetylene and nitrogen oxide flames, extending the analytic elements to over 60. In addition, it has an LCD. It is a long-life and corrosion-resistant atomization system. The device is stable and dependable. To achieve a stable flame and low noise, the gas path system is outfitted with highly precise pressure and existing stabilizing devices.

Features:

- > Built-in computer data processing and LCD
- > It is stable and dependable
- > With functions such as integral holding, peak height and area, auto-zero adjusting, deuterium lamp background correction
- > Multi-linear and nonlinear curve fitting, various parameters and working curves displayed on the screen, report printing, and so on
- > It has an interface for externally connecting PCs
- > Stability, to achieve better basic line stability, a double system will automatically recompense for the source of light drift and waveform drift induced by temperature variations
- > Quickly, the cathode lamp does not need to be preheated for an extended period, and the sample can be analyzed immediately
- > It is the preferred instrument by users for conducting various types' elements methods and fast sample analysis
- > Used to eliminate color differences across the entire spectrum
- > A round light spot from the light source is chemically converted into a long white spot that enters the slit. As a result, the light flux of the double beam is increased
- > Long-life and corrosion-resistant atomization system
- > The burner is made of a new type of titanium alloy that is anti-corrosive and has a quick thermalequilibrium
- > Multi-functional analysis mode. For flame absorption, emission, particle permeability in graphite furnaces, and hydride generation methods
- > A gas path system that is both safe and reliable
- > Special devices for quick gas conversion and safety protection
- > It analyses air-acetylene and nitrogen oxides flames, extending the analytic elements to over 60
- > When the device is purchased, it will come with a complete set of accessories and will be ready to use

Specifications :

Background calibration ability	Greater than 30 times
Baseline stability	±0.004 Abs/30 min
Characteristic concentration of copper	£ 0.04 mg/ml/1%
Detection limit of copper	£0.008 mg/ml
Package Dimensions	1220×770×730 mm (Main instrument) 800×400×900 mm (Accessories)
Power supply	220V 3A, 50 Hz
Printer	optional
Resolution	40%
RS232	including
Spectrum Bandwidth	0.2 nm, 0.4 nm, 0.7nm, 1.4 nm, 2.4 nm, 5.0 nm
Wavelength Accuracy	£ ±0.5 nm
Wavelength Range	190 to 900 nm
Wavelength Repeatability	£ 0.3 nm (single direction)
Weight	160 Kg



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