

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

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Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
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Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
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Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

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Смоленск (4812)29-41-54
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Ставрополь (8652)20-65-13

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Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

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ИК-Фурье спектрометр FT-IR Spectrometer



ATP8900 FT-IR spectrometer employs high-performance-to-price ratio, considered users application habits, and they are widely applied to pharmaceutical, chemical, food, petrochemical, gemstones, macromolecule, semiconductor, material science etc. It can be attached to various accessories of transmission, diffuse reflection, attenuated total reflection (ATR), non-contact external reflection etc. Whatever they are applied to Universities, scientific research, or industrial fields of QA/QC application analysis, ATP8900 will be your ideal model.

ATP8900 FT-IR spectrometer employs new type of maglev plane mirror, driven by electromagnetic, with 3-D laser control, digitalizing continuous auto-adjust, DPS controllable, auto optimized system energy, without manual adjustable.

ATP8900 is configured intelligent auto reminder of humidity, which can reduce operator maintenance works. Electronic humidity can be intuitively displayed in numbers will remind users to replace desiccant in order to avoid potential risk during operation;

ATP8900 fit to measure powder, liquid with easy-to-operate, it takes only few steps to finish tests.

INFRARED SPECTROSCOPY

Spectral Range	7800~350 cm ⁻¹
Resolution	1.0 cm ⁻¹
ADC Bit-Depth	24 bit

INFRARED SPECTROSCOPY

Light Splitter	KBr sub substrate germanium coated
Scan Speed	Scan speed set controllable by software
Light Source	Long life span, high intensity, air-cooled IR light source, energy rate>30%
SNR	> 30000 : 1 (P-P value, 4 cm-1, 1 minutes background and sample scan, 2100cm-1)
Linearity	<0.1% (4400~500 cm-1, H2O & CO2 excluded)
Built-In Li-Battery Life Span	>8 hrs
Dimension	355mm×265mm×160mm
Power	AC220V / 50Hz
Interface	USB 2.0
System	Windows XP, Windows 7, Windows 10
Configured Analytica Software	Powerful functions : Self-diagnose function ensure correct working status, test parameters, powerful data process analysis software, easy-to-operate marking, peak, peak area, baseline correction etc. IR software: IR control, spectrum treatment, data exchange, multi-group quantitative operation software; H2O/CO2 auto-offset, self-inspection, macro-programming software ;

IR Spectrum Library

Library> 100,000, including high polymers, pharmaceutical drugs, organic solution, chemical reagent, biological reagent, inorganic, minerals, fibers, dyes,pigment, narcotics, drugs etc

PHYSICAL PARAMETERS

Weight

9.6 kg

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