



# Spectrophotometer

Reliability & Variety

PEAK Instruments Inc.

# C COMPANY PROFILE

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## Our Promise

Respond to customers and provide solutions in 8 hours.

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## Our Mission

Provide high quality products and services.

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## Our Vision

To be a well-known brand for analytical instruments.

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**PEAK** Instruments Inc is located in Houston, TX-77084, where our head office and warehouse are also located, which is a high tech enterprise integrated with R&D, production, sales and service of spectrophotometer, pH meter, conductivity meter, dissolved oxygen meter, ion meter and balances, which have wide applications in the following areas like metallurgy, pharmacy, food, health, institutes, biological chemistry, life science, petrochemical industry, quality control, environmental protection, electrochemistry and water quality analysis, etc..

We have professional teams of management, R&D, production, QC, sales and technical support, which guarantee good quality products, competitive prices and efficient service for global customers. We have CE and ISO9001 certificates. We continuously absorb new ideas and technologies to improve our products and services in accordance with the concept of innovation, quality and service.

We have steady growth and good reputation in the markets of more than 95 countries, like USA, Argentina, Italy, Germany, Spain, Russia, Korea, India, Indonesia and Egypt.

# E-1000 Series

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## Introduction

- Smooth appearance design
- Ingenious color assortment
- White backlit LCD screen
- Oval buttons
- Easy parameter setting and microprocessor make the operation more convenient

## Main Features

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- 70\*40 mm backlit LCD screen can show complete parameters like T,A,C,K.
- Calibrate 0%A and 100%T automatically.
- Large sample compartment can hold various cells from 5mm to 100mm and meet different test requirements.
- RS232 port for printer(optional) and PC software(optional and only compatible with XP system).
- Automatic lamp switches and manual wavelength setting.
- Save and view the test data.



## Specifications

MODEL	E-1000V	E-1000UV
Display	70*40mm backlit LCD	
Wavelength Range	320 - 1020nm	190 - 1020nm
Spectral Bandwidth	4nm	
Wavelength Accuracy	±2nm	
Wavelength Repeatability	≤1nm	
Photometric Accuracy	0.5%T	
Photometric Repeatability	0.2%T	
Stray Light	≤0.15%T@360nm	
Stability	0.002A@500nm	
Output Port	RS232	
Light Source	Tungsten Halogen Lamp	Tungsten Halogen/Deuterium Lamp
Power Requirements	110-220V, 50-60Hz	
Photometric Range	0-200%T, -0.3-3A,0-9999C(0-9999F)	
Shipping Dimensions And Weight	530*460*320mm, 9 kg	

# Accessories

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Integrating Sphere



Automatic 8-position round cell holder



Tube rack



Manual 4-position film holder



Manual 4-position 10cm cell holder



Single hole film holder



Single hole 5cm cell holder



Adjustable micro cell holder



Peltier Thermostat



Automatic Sipper

# Comparison Table

	UV /Vis.	Optical System	Display	Slit Width	Wavelength Accuracy	Wavelength Repeatability	Stray Light	Light Source	Page
C-7100	UV	Single	7 inch TFT	2 nm	±0.3 nm	≤0.2 nm	≤0.05%T @220nm,360nm	Tungsten Halogen /Deuterium Lamp	1/2
C-7100S				1 nm					
C-7100A				0.5,1,2,4nm					
C-7200		Double		2 nm			≤0.03%T @220nm,360nm		
C-7200S				1 nm					
C-7200A				0.5,1,2,4 nm					
T-9100	UV	Single	Touch Screen	2 nm	±0.3 nm	≤0.2 nm	≤0.05%T @220nm,360nm	Tungsten Halogen /Deuterium Lamp	5/6
T-9200		Double		1 nm	±0.3 nm	≤0.2 nm			
T-9200S				0.5,1,2,4,nm					
T-9200A				0.5,1,2,4,nm					
X-8200	UV	Double	7 inch TFT	2 nm	±0.6 nm	≤0.2 nm	≤0.1%T @220nm,360nm	Xenon Lamp	9/10
X-8200S				1 nm					
X-8200A				0.5,1,2,4,nm					
X-8200T			Touch Screen	2 nm					
X-8200TS				1 nm					
X-8200TS				0.5,1,2,4,nm					
C-7000V	Vis.	Single	7 inch TFT	2 nm	±0.3 nm	≤0.2 nm	≤0.05%T @220nm,360nm	Tungsten Halogen Lamp	11/12
C-7000UV	UV						Tungsten Halogen /Deuterium Lamp		
E-1000V	Vis.	Single	70*40mm LCD	4 nm	±2 nm	≤1 nm	≤0.15%T@360nm	Tungsten Halogen Lamp	13/14
E-1000UV	UV							Tungsten Halogen /Deuterium Lamp	



## PEAK INSTRUMENTS

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