

# **X123 Spectrum Analyzer**





## Overview

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The X-123 combines in a single package Amptek's standard, high performance X-ray spectroscopy components: the XR-100CR detector and preamplifier, DP5 digital pulse processor and MCA, and PC5 power supply. The X-123 is a complete X-Ray Detector System in one small box that fits in your hand. Our philosophy has always been to create small, low power, high performance instruments while keeping them simple to operate. An Amptek X-123 X-ray spectrometer has been mounted on an Equipoise lamp arm along with a 1  $\mu$ C 241 Am source from a domestic smoke alarm.



## X123 Spectrum Analyzer

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### Amptek XRF Kit

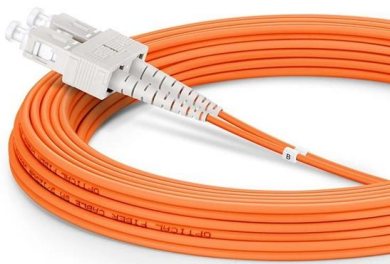
Confirm that the DPPMCA software is connected to the X123 - showing a green USB symbol at the bottom of the spectrum display and the info pane at right should show a connection to a DP5, with a

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### Design and performance of the X-123 compact X-ray

In this study, photon spectrum was measured using Amptek X-123 (Amptek, USA) (Redus et al., 2006), which is a high-performance X-ray and

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### HJ Optronics, Inc. Agilent 86140A Optical Spectrum Analyzer

Agilent 86140A Optical Spectrum Analyzer It is in excellent working condition. The price quoted here includes 30 day warranty. 86140A More details at HJ Optronics, Inc.

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### X-123

X-123, Complete X- Ray Spectrometer FEATURES OF THE X-123: Simple to Operate Low Power (1.2 Watts) Small Size USB and RS232 Communication Accommodates all Types of Amptek Detectors X



### RoHS / WEEE Compliance X-ray Detector Complete X

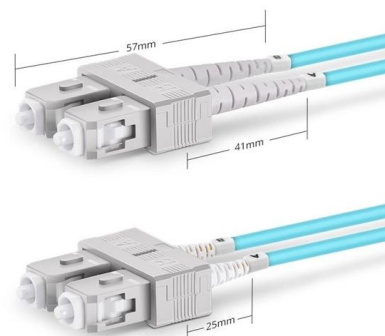
X-123 Description s, which are small, low power, high performance, and simple to operate. The X123 combines in a single package Amptek's standard, high performance X-ray spectroscopy

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### Design and performance of the X-123 compact X-ray

Compact, high performance X-ray and gamma-ray spectroscopy systems are required for many applications, both in the field and in the laboratory.

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Duplex SC UPC

### The Instruments and Capabilities of the Miniature X-Ray Solar

The X123 soft X-ray spectrum measured changes by orders of magnitude over a few GOES level changes. Additionally, the XP fA signal (converted from the measured DN signal) scales

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### **X-123SDD User Manual**

With the X-123 anyone can rapidly obtain high quality X-ray spectra. The X-123SDD uses a silicon drift detector (SDD) similar to a Si-PIN photodiode but with a unique electrode structure to improve

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### **X-123 Complete X-Ray Spectrometer with Si-PIN Detector**

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### **X-123**

X-123 represents the culmination of 14 years of X-ray detector development at Amptek. Our philosophy has always been to create small, low power, high performance instruments while keeping them

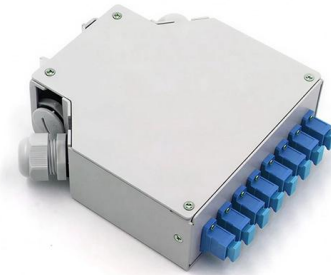
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## New Solar Soft X-ray Observations from the X123 Spectrometer

The Amptek X123 is a new soft X-ray photon-counting spectrometer, based on a silicon drift detector with integrated thermoelectric cooler, vacuum housing, and multi-channel analyzer (including pulse

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## X-123 Complete X-Ray Spectrometer with Si-PIN Detector

With the X-123, anyone can rapidly obtain high quality X-ray spectra. The typical detector is a Si-PIN photodiode: X-rays interacting in the silicon create an average of one electron/hole pair for every

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## Microsoft Word

The pulse analysis electronics use the measured peak heights to produce the histogram (or spectrum). This component includes logic to accept or reject events, using various criteria, to measure count

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## Amptek X-123 X-ray Spectrometer

Contents Use the browser "back control" to return here. Introduction Specifications, Energy Range, Elements Efficiency, Geometry, Source Shielding,

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## X-123CdTe Complete X-Ray & Gamma Ray

With the X-123CdTe, anyone can rapidly obtain high quality X-ray and gamma-ray spectra. X-rays & gamma rays interact with CdTe atoms to create an average of

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## New Solar Soft X-ray Observations from the X123

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## Amptek SDD Specifications and Features , PDF

AmpTek X123-SDD Datasheet - Free download as PDF File (.pdf), Text File (.txt) or read online for free. The Amptek Silicon Drift Detectors (SDD) offer high

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### The X-123CdTe is a complete X-Ray Detector & Gamma-Ray

s. Overview The X-123 represents the culmination of 14 years of X-ray detector development at Amptek. Our phi-losophy has alw.

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### RoHS / WEEE Compliance X-ray Detector Complete X

that products comply with maximum concentration amounts of particu- Spectrum of Chromium, Lead and Cadmium lar elements and compounds (Cr VI, Pb, Cd, Hg, Br PBB/PBDE) by July 2006. The X-123

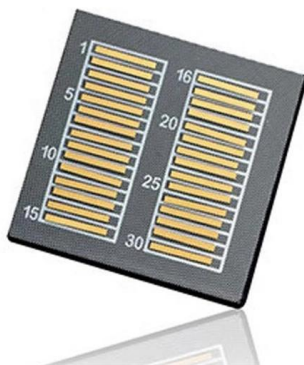
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### RoHS / WEEE Compliance X-ray Detector Complete X

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<https://frindel.es>