Syngene PXi and PXi Touch

Compact and easy to use, PXi / PXi Touch offer full automation in the capture of chemiluminescent and fluorescent blots, visible gels and blots and even 2D gels.

Rating: Not Rated Yet
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Manufacturer[Syngene](#)

Description

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Description

Perfection in imaging technology

PXi and PXi Touch are new high resolution, multi-application image analysis systems. The new design is compact, easy to use and offers full automation in the capture of chemiluminescent and fluorescent blots, visible gels and blots and even 2D gels.

PXi/PXi Touch are available in three versions with a 4, 6 or 9 million pixel camera and suitable lens. The high performance cameras result in the system having exceptional sensitivity. Chemiluminescence blots and faint fluorescent bands can therefore be easily imaged and captured. The PXi Touch has its own built-in screen and processor whereas the PXi is used with an external PC.

PXi/PXi Touch can be used for a wide range of applications. A number of lighting options can be utilised including IR illumination, Red light, Blue light, Green light and the UltraSlim blue LED transilluminator. An integral 7 position filter wheel can accommodate a wide range of Syngene filters. PXi/PXi Touch are controlled by the acclaimed GeneSys acquisition and capture software. Using its vast database, GeneSys can automatically configure PXi/PXi Touch to capture any type of image.

This high performance range has been designed to be able to excel at a wide range of applications. The PXi/PXi Touch therefore makes the ideal workstation for any busy laboratory. Its sleek styling compliments any laboratory while its ease of use will attract a wide number of users working across numerous fields.

Features

Why buy this product?

- Performance

  The PXi/PXi Touch system offers superior sensitivity that is capable of imaging a wide range of applications. Image quality is superb whether you are working with chemiluminescent blots, fluorescent blots and gels, IR gels and 2D gels. With GeneSys control software no other system on the market offers this level of control. If you are looking for high quality and high performance then PXi/PXi Touch is your number 1 choice.

- High specification

  At the heart of PXi/PXi Touch is a new generation of camera - 4, 6 or 9 million pixels, giving the system outstanding sensitivity. The cameras are cooled to enable longer exposures to be used which can be a necessity for chemiluminescence and for some fluorescence applications. The superior sensitivity ensures that even faint blots or gels can be imaged with the PXi/PXi Touch.

- Modular

  PXi/PXi Touch can use a number of different lighting options including plug and play LED modules for Red, Green, Blue and IR light. These novel lighting systems provides the user with the ability to perform coloured fluorescent, multiplex and colorimetric imaging. The new UltraSlim blue LED transilluminator provides you with the ideal solution for imaging safe dyes'. The PXi Touch has its own built-in screen and processor whereas the PXi is used with an external PC.

Specification

	PXi 4/PXi 4 Touch	PXi 6/PXi 6 Touch	PXi 9/PXi 9 Touch
Pixels (million)	4	6	9.1
A/D	16 bit	16 bit	16 bit
Greyscales	65,536	65,536	65,536
Cooling	Ultra peltier cooling for extra long exposures - REGULATED	Ultra peltier cooling for extra long exposures - REGULATED	Ultra peltier cooling for extra long exposures - REGULATED
Lens	F0.95	F1.4	F1.4
Filter wheel motor driven	Yes	Yes	Yes
Built-in processor/touch screen	PXi 4 Touch only	PXi 6 Touch only	PXi 9 Touch only
Illumination			
White Epi overhead	Yes	Yes	Yes
Epi UV	Yes	Yes	Yes
Epi LEDs for fluorescence	Optional	Optional	Optional
Epi LED IR	Optional	Optional	Optional
Visible light table	Optional	Optional	Optional
UltraSlim blue LED transilluminator	Optional	Optional	Optional
Dimensions (W x H x D cm)	35 x 60 x 55	35 x 60 x 55	35 x 60 x 55
Weight	31kg	31kg	31kg

Reviews

There are yet no reviews for this product.