

Image Reader for PepTenChip® ON SITE use

Model PTC-FD11 and FD12 Specifications.

- Scientific CMOS sensor
- Image capture software
- Space saving size =
35~45 H x 29 L x 25 W cm
- LED-Spotlight Excitation
- Standard wavelength
Ex. 531 ± 20 nm
Em. 593 ± 20 nm
- Image capture software
- Weight: ca. 16 kg



Model	PTC-FD11	PTC-FD12
Size	35 H x 29 L x 25 W cm	45 H x 29 L x 25 W cm
Main Component	Detection Camera: ORCA-Flash4.0 Image sensor: sCMOS (16 bit) sensor	Detection Camera: optiMOS (Qimaging) Image sensor: sCMOS (16 bit) sensor
PC	OS : Windows 7 Professional JP (desk top, or Laptop)	
Digital Interface	USB 3.0	SerialLite PCIe
Others	Light source & power supply integrated	
Software	HCIImage (Image capture software)	Image capture software

※PC monitor is not included.

Wave length can be selected upon dyes and easily changed

TAMR (Ex. 531 nm Em. 593 nm) ; FAM (Ex. 475 nm Em. 530 nm)

Filter for TAMRA =

FF01-531/40-25 531 ± 20 nm; FF01-593/40-25 593 ± 20 nm

Filter for FAM =

FF01-475/35-25 475 ± 20 nm; FF01-530/43-25 530 ± 20 nm

Upon request cameras with different sensitivity can be supplied.

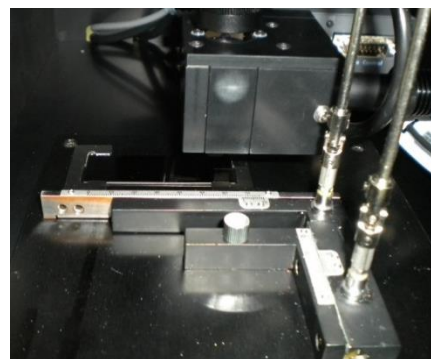
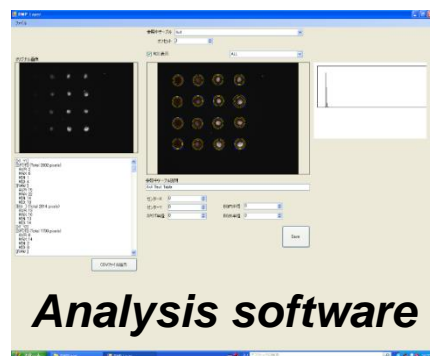
Optionally software for fluorescent intensity analysis is available.

Image Reader for Biochips

Fluorescent Microscopy & CCD camera/ Laser-scanner
= **Costly, Large, Tedious maintenance are required**



**Easy handling, Maintenance free, Low cost,
Portable, suitable in Bio Safety Level 3
(BSL3) & BSL4 Laboratories (Pat.)**



Adaptable to Protein Fingerprint Method

HiPep are looking for Manufactures under license