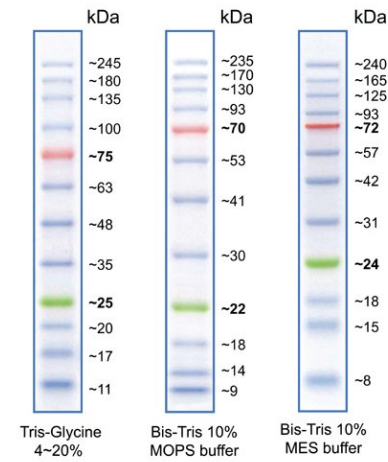


Weitere von uns verfügbare Produkte:



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Biberstraße 32
89537 Giengen
Tel. 07322-9111329
Mail: info@jojo-ls.de
Web: www.jojo-ls.de





COMPANY PROFILE

Clinx Science Instruments Co., Ltd. is a national high-tech enterprise head-quartered in Shanghai and a manufacturer dedicated in life science instruments.

For over years, we have developed a series of products such as Gel Documentation Systems, Chemiluminescence/Fluorescence Imaging Systems, Thermal Cycler, Dry Bath, Thermal Shaker, Vortex mixer, Centrifuge etc. Our products are widely acclaimed by the domestic laboratories and institutes and the foreign customers over 30 countries.

CORPORATE CULTURE

Mission

Provide value to go beyond customer expectations
Set stage to fulfill employee's wishes

Value

Integrity、Collaboration、Initiative、Sharing

Philosophy

Proficient in quality, dedicated to service

Vision

Become a leading brand in the life science field



Part of articles published by our customers

- Yang H , Hu M , Guo J , et al. Pore architecture of TRIC channels and insights into their gating mechanism[J]. Nature, 2016. IF: 41.577
- Zhuo W, Liu Y, Li S, et al. Long Noncoding RNA GMAN, Up-regulated in Gastric Cancer Tissues, Is Associated With Metastasis in Patients and Promotes Translation of Ephrin A1 by Competitively Binding GMAN-AS[J]. Gastroenterology, 2019, 156(3): 676-691. e11 IF: 20.773
- Tu T, Zhang C, Yan X, et al. CD146 acts as a novel receptor for netrin-1 in promoting angiogenesis and vascular development[J]. Cell research, 2015, 25(3): 275. IF: 15.393
- Duan J L, Ruan B, Yan X C, et al. Endothelial Notch activation reshapes the angiocrine of sinusoidal endothelia to aggravate liver fibrosis and blunt regeneration in mice[J]. Hepatology, 2018, 68(2): 677-690. IF: 14.079
- Cai Q, Liang C, Wang S, et al. The disease resistance protein SNC1 represses the biogenesis of microRNAs and phased siRNAs[J]. Nature communications, 2018, 9(1): 5080. IF: 12.353
- Li D, Zhang J, Wang M, et al. Activity dependent LoNA regulates translation by coordinating rRNA transcription and methylation[J]. Nature communications, 2018, 9(1): 1726. IF: 12.353
- Zhang Q, Zhang L, Chen D, et al. Deletion of Mtu1 (Trmu) in zebrafish revealed the essential role of tRNA modification in mitochondrial biogenesis and hearing function[J]. Nucleic acids research, 2018, 46(20): 10930-10945. IF: 11.561
- Wu A, Wu Q, Deng Y, et al. Loss of VGLL4 suppresses tumor PD - L1 expression and immune evasion[J]. The EMBO journal, 2019, 38(1): e99506. IF: 10.557
- Zhang J, Zhu Q, Wang X, et al. Secretory kinase Fam20C tunes endoplasmic reticulum redox state via phosphorylation of Ero1 α [J]. The EMBO journal, 2018, 37(14): e98699. IF: 10.557
- Shao J, Wang M, Yu G, et al. Synthetic far-red light-mediated CRISPR-dCas9 device for inducing functional neuronal differentiation[J]. Proceedings of the National Academy of Sciences, 2018, 115(29): E6722-E6730. IF: 9.504
- Xin Q, Shen Y, Li X, et al. MS5 mediates early meiotic progression and its natural variants may have applications for hybrid production in Brassica napus[J]. The Plant Cell, 2016, 28(6): 1263-1278. IF: 8.228
- Nagarajan Y, Rongala J, Luang S, et al. A barley efflux transporter operates in a Na⁺-dependent manner, as revealed by a multidisciplinary platform[J]. The Plant Cell, 2016, 28(1): 202-218. IF: 8.228

PRODUCT FEATURES OF IMAGING SYSTEMS



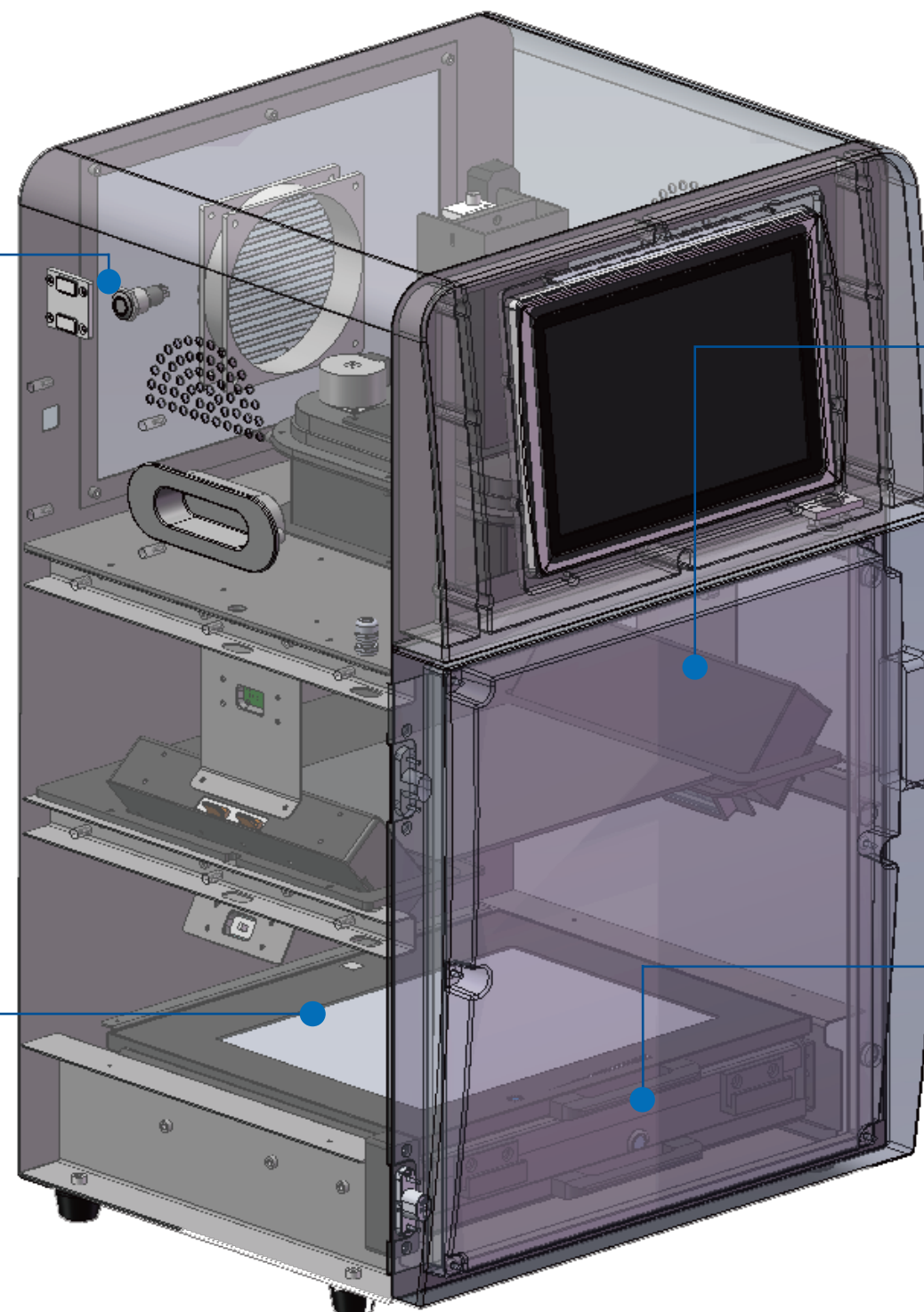
Operation mode converter

Enable both operation modes of embedded and external computer.



Ultra slim transilluminator

The magnetic thimble interfaces realize free switching between the blue light and white light transmission. The touchable brightness adjustment switch facilitates the gel observation and recovery.



Multi-fluorescence module

Realized the multi-channel fluorescence photography from UV, visible light to near infrared.



UV SMART™ transilluminator

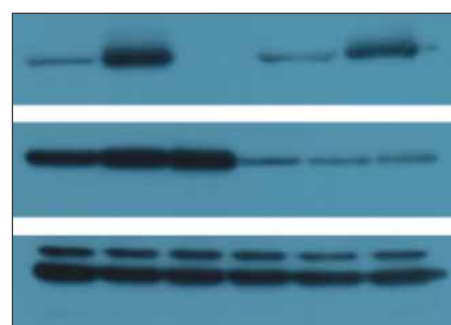
Compared with the traditional UV transilluminator, the "non-lamp" design of UV Smart™ provides uniform transmission and better background.

FLUORESCENCE/CHEMILUMINESCENCE IMAGING SYSTEM

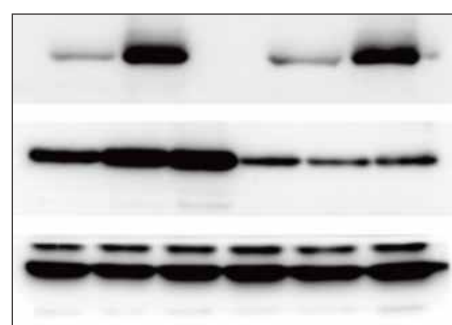
INTRODUCTION

ChemiScope Series are equipped with the latest detection system and human-computer interactive program. It provides gel documentation, visible light inspection, RGB-Fluorescence and Chemilluminescence imaging application.

Comparison between ChemiScope and X-Ray Film:



X-Ray film: 30 sec exposure time



ChemiScope: 30 sec exposure time

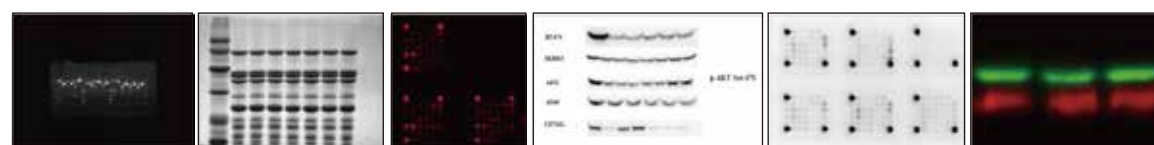
ChemiScope Series are able to detect far weaker signal and offer higher sensitivity and wider linear range.

APPLICATION

Gel Inspection Diverse Fluorescent dyes, e.g. Ethidium bromide, SYBR Gold, SYBR Green, SYBR Safe, GelStar™, Fluorescein, Texas Red, etc.

Protein Inspection Coomassie blue, Silver Staining, Sypro Red, Sypro Orange, Pro-Q Diamond, Deep Purple, etc.

Blotting membrane Western Lightning, ECL, ECLplus, CDP Star, SuperSignal, CSPD, LumiGlo, Cy2, Cy3, Cy5, FITC, AlexaDyes, DyLight dyes, ProQDiamond, ProQ Emerald 300, ProQ Emerald 488, IR Dye 680 etc.



DNA/RNA Silver Staining Fluoro-Chips Chemilluminescence Chemi-chips Fluorescence

CHEMISCOPE MODEL FEATURES

Polymer by RIM Molding

The front panel and door is designed by Reaction Injection Molding. It is environment friendliness.

Upgrading easily

Select one configuration for your applications now, and upgrade later when you apply different applications with adding other tray or hardware module:

- UV transmission
- UV+BLUE light transmission
- UV+BLUE+White light transmission
- UV+BLUE+White transmission and RGB reflection

Better user experience

Base on application, only use arabic numerals, which is matched on different applications automatically, instead of the professional parameter of aperture and focus.

Switchable operation mode

You can use your machine by stand alone PC or embedded touch screen PC. Only you press the "switch button" easily.

UV SMART™ transilluminator

Compared with the traditional UV transilluminator, the "non-lamp" design of UV SMART™ provides uniform transmission and better background.

Blue and white Light transilluminator

The magnetic thimble interfaces realize free switching between the blue light and white light transmission. The touchable brightness adjustment switch facilitates the gel observation and recovery.



FLUORESCENCE/CHEMILUMINESCENCE IMAGING SYSTEM

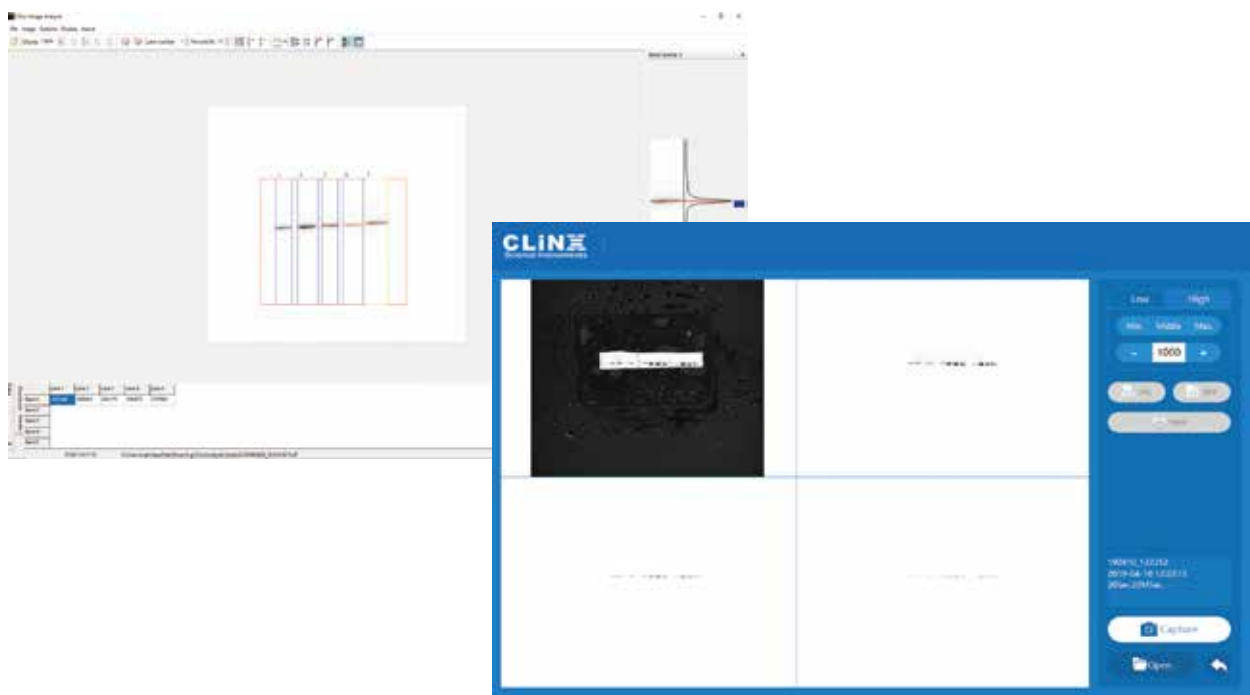
SOFTWARE

CHEMISCOPE IMAGE CAPTURE SOFTWARE

- High precise automatic exposure
- One Touch image acquisition and save
- Marker image capture and composition with objective bands
- Automatic access of capture parameters
- Convenient image navigation and browsing
- Image rotation, cropping and counter color processing
- Advanced pixel binning technology (optional 1x1, 2x2, 3x3, 4x4, 5x5)

CHEMISCOPE IMAGE ANALYSIS SOFTWARE

- Automatic recognition of the gel bands
- Automatic calculation of the density and the peak value of each band
- Optional save of analysis results as “xls” files
- Calculation of the optical density for the quantitative analysis
- Optimization of the visual effects by wiping background mode



PARAMETERS

ChemiScope 6100 main system

Scientific CCD Camera
 Sensor Size: 12.49mm x 9.99mm
 Resolution: 6.05 Megapixels, 2750 x 2200
 Pixel Size: 4.54X4.54um
 Pixel Density: 16bit (65536 Grey Scales)
 Quantum efficiency: ≥75%
 Absolute cooling temperature: -25°C
 Mortorized F0.95 Ultrafast lens

ChemiScope 6200 main system

Scientific CCD Camera
 Sensor Size: 12.49mm x 9.99mm
 Resolution: 6.05 Megapixels, 2750 x 2200
 Pixel Size: 4.54X4.54um
 Pixel Density: 16bit (65536 Grey Scales)
 Quantum efficiency: ≥75%
 Absolute cooling temperature: -25°C
 Mortorized F0.8 Ultrafast lens

ChemiScope 6100 Touch main system

10.1 Inch touch screen
 Scientific CCD Camera
 Sensor Size: 12.49mm x 9.99mm
 Resolution: 6.05 Megapixels, 2750 x 2200
 Pixel Size: 4.54X4.54um
 Pixel Density: 16bit (65536 Grey Scales)
 Quantum efficiency: ≥75%
 Absolute cooling temperature: -25 °C
 Mortorized F0.95 Ultrafast lens

ChemiScope 6200 Touch main system

10.1 Inch touch screen
 Scientific CCD Camera
 Sensor Size: 12.49mm x 9.99mm
 Resolution: 6.05 Megapixels, 2750 x 2200
 Pixel Size: 4.54X4.54um
 Pixel Density: 16bit(65536 Grey Scales)
 Quantum efficiency: ≥75%
 Absolute cooling temperature: -25°C
 Mortorized F0.8 Ultrafast lens

Sample tray

Super Slim white LED Transilluminator
 Super Slim blue LED Transilluminator (470nm)
 UVSmart™ UV Transilluminator (302nm)

Multi-fluorescence light module

Excitation light	Filters
UV Light Ex365	Em460/30F, UV excited dye
Bule Light Ex470	Em525/30F, Blue light excited dye
Green Light Ex530	Em585/20F, Green light excited dye
Red Light Ex630	Em690/45F, Red light excited dye
Near infrared Ex660	Em715/30F, NIR excited dye
Near infrared Ex770	Em810/40F, NIR excited dye

Filter Wheel

8 Sockets filter wheel

ORDER NO.

MAIN SYSTEM

NO.	Description
1802001	ChemiScope 6100 CCD detector with 6.05 megapixels, F0.95 mortorized lens
1802002	ChemiScope 6200 CCD detector with 6.05 megapixels, F0.8 mortorized lens
1802011	ChemiScope 6100 Touch CCD detector with 6.05 megapixels, F0.95 mortorized lens, 10 inch touch screen
1802012	ChemiScope 6200 Touch CCD detector with 6.05 megapixels, F0.8 mortorized lens, 10 inch touch screen

Optional modules

NO.	Description
1801101	8 Sockets filter wheel
1801201	UVSmart™ UV Transilluminator (302nm)
1801205	Super Slim white LED Transilluminator
1801206	Super Slim blue LED Transilluminator (470nm)
1801301	UV Light Ex365BL
1801302	Bule Light Ex470BL
1801303	Green Light Ex530BL
1801304	Red Light Ex630BL
1801305	NIR Ex660BL
1801306	NIR Ex770BL
1801401	Em460/30F, UV excited dye detection
1801402	Em525/30F, Blue light excited dye detection
1801403	Em585/20F, Green light excited dye detection
1801404	Em690/45F, Red light excited dye detection
1801405	Em715/30F, NIR excited dye detection
1801406	Em810/40F, NIR excited dye detection

Software

1802901	Clinx ChemiScope image capture software
1802911	Clinx ChemiScope image analysis software