

KETA C



U10 LED Light Source For Gel Focusing

KETA Chemiluminescence System (C-series)

The system provides high sensitivity with its state-of-the-art cooled CCD camera housed with a light-tight darkroom. Ideal for chemiluminescence low signal detection, the system enhanced performance is optimized for ECL, CCL Plus, ECL Advance, ECL Plex, CDP Star, Qdot, Super Signal and CSPD detection. The KETA C-series is equipped with a standard tri-level sample stage and optional motorized sample stage. Controlled by the Magic Chemi software, operational conditions and parameters can be stored and recalled using the computer. An auto default and overlay background subtraction function are also included.



Manual Lens

Specification

	KETA C	KETA CL	KETA CLX
Camera	K12CH	K12CHS	*K16C
CCD depth	12/16. A/D bit	12/16. A/D bit	16 bit
Operation temp	ambient -30°C	ambient -45°C	ambient -40°C
Chip size	2/3"	2/3"	2/3"
Resolution	1360 x 1024	1360 x 1024	1360 x 1024
S/N	>62dB	>67dB	>69dB
Pixel size	6.45 um x 6.45 um	6.45 um x 6.45 um	6.45 um x 6.45 um
Cooling	Peltier	2 - stage Peltier	Peltier
Lens	1.4/16 mm	0.95/17 mm	0.95/17 mm
Smart latch	standard	standard	standard
Tri - level sample stage	standard	standard	-
AS 100 motorized stage	option	option	standard
Internal light source U10	standard	standard	standard
Magic Chemi Software	standard	standard	standard
OS system	Windows XP, Vista, 7	WindowsXP, Vista, 7	WindowsXP, Vista, 7
Thermal printer	digital (optional)	digital (optional)	digital (optional)
Dimension (L x W x H)	46 x 45 x 72.5 cm	46 x 45 x 72.5 cm	46 x 45 x 72.5 cm
Weight	34.7 kg	34.7 kg	34.7 kg
Power	100-240, 50/60 Hz	100-240, 50/60 Hz	100-240, 50/60 Hz

* Standard K16C resolution has 1.4 megapixels which can upgrade to 4.0 megapixels, detail see ordering information
The specification is subject to change without prior notice

Ordering information

Catalog No.	Description
1150061	KETA C chemiluminescence system & Magic Chemi software, 100~240V, 50/60Hz
1150071	KETA CL high sensitivity chemiluminescence system & Magic Chemi software, 100~240V, 50/60Hz
1150081	KETA CLX pro sensitivity chemiluminescence system & Magic Chemi software, 100~240V, 50/60Hz
1151111	K16C(1.4 megapixels) upgrades to K16CH 4.0 megapixels (factory install)
1146003	Digital thermal printer
1153005	Magic Chemi, a Chemiluminescence image catch & process, single user key only
1153006	Magic Chemi, a Chemiluminescence image catch & process, three user keys
1155002	AS 100 motorized sample stage (factory install)



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