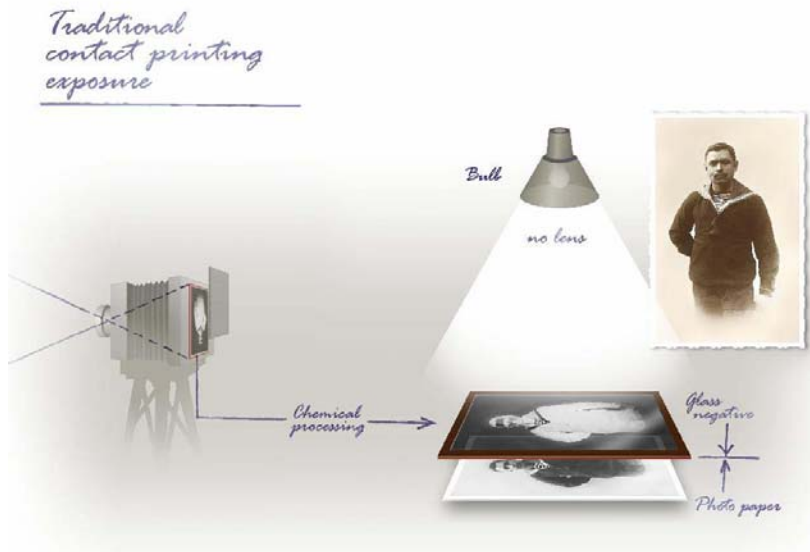


CPDM 23N1

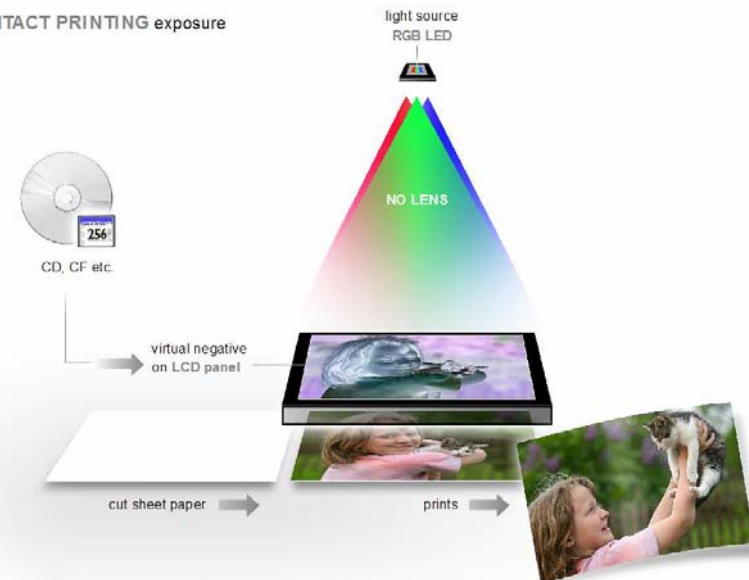
Digital Conversion Kit for QSS 2301

CPDM 23N1 converts analog QSS 2301 machine into a full digital minilab providing a high quality printing solution for up to 12-inch wide roll paper for digital studio photography utilizing standard RA4 and SM chemistry

*simple is beautiful*TM



digital CONTACT PRINTING exposure



Solution for small and mid size photo shop

- New Minilabs
- Digital Conversion Kits for analog minilab

Minilab market by solutions



DIMA 2005 results in 12" category

No	Ocena	Producent	Technologia	Format	Cena
1.	6.81	Fuji Photo Film USA	Laser	12 x 18"	245000,00 USD
2.	6.56	Eastman Kodak Company	Laser	12 x 18"	145000,00 USD
3.	6.44	Sonman Inc./LNPAmerica	<i>digital</i> CONTACT PRINTING	12 x 17"	73000,00 USD
4.	5.88	Noritsu QSS 32 series	Laser	12 x 36"	186900,00 USD
5.	5.75	Agfa Photo Dilab 2	Laser	12 x 18"	225000,00 USD
6.	5.75	Shanghai Doli P.E.Co. Ltd	LCD Sony (Lafot Technology)	12 x 18"	80000,00 USD
7.	5.00	World Images Digital Inc.	LCD Sony (Mulersohn)	12 x 18"	121000,00 USD
8.	4.19	SMI Group	LCD Sony (MK10/SMI Group)	12 x 18"	130000,00 USD

Original (analog) QSS 2301



before conversion...

Digital Conversion Process



Analog minilab

+ CPDM

+ PC

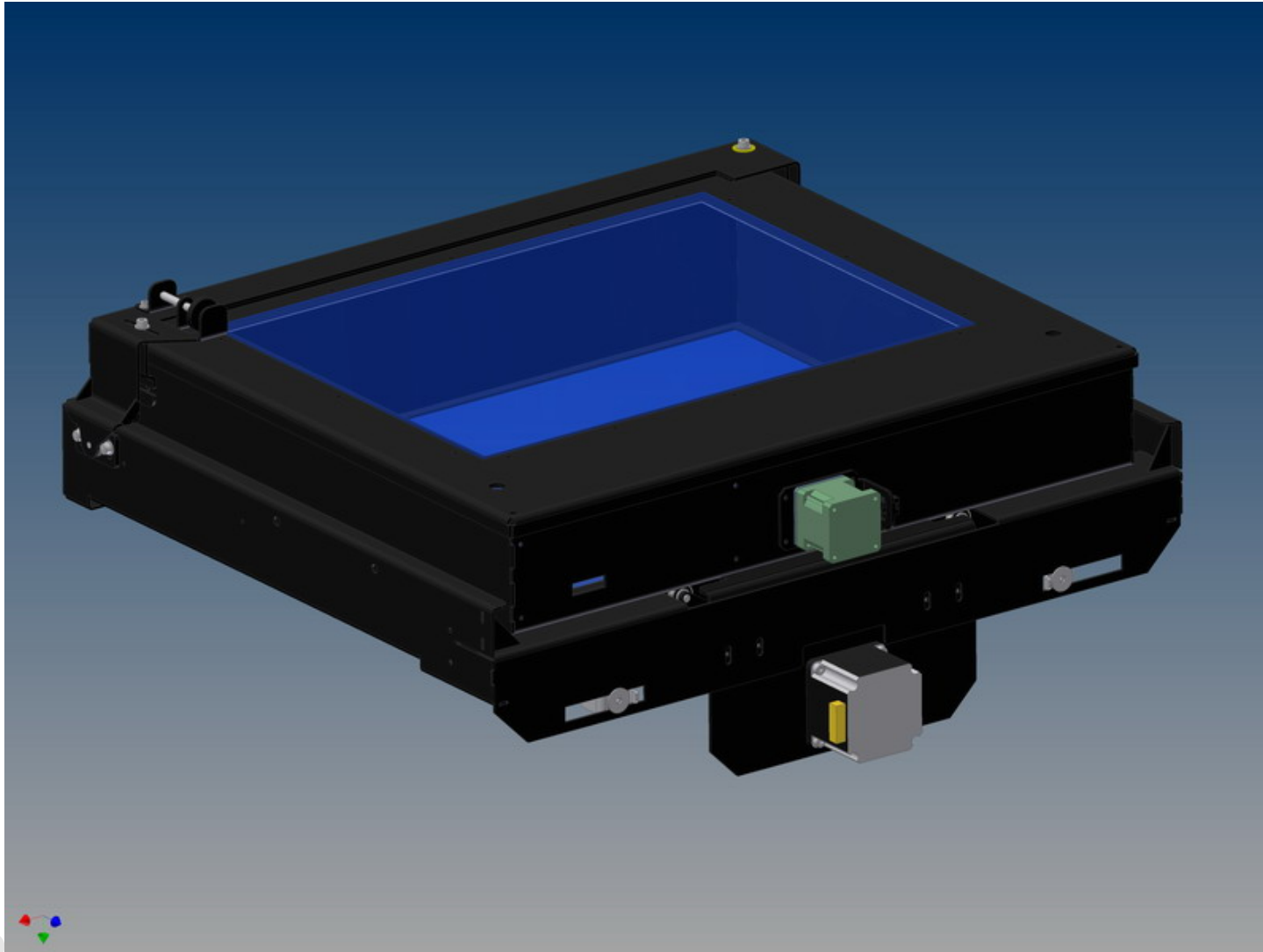
+ options

23N1 Kit

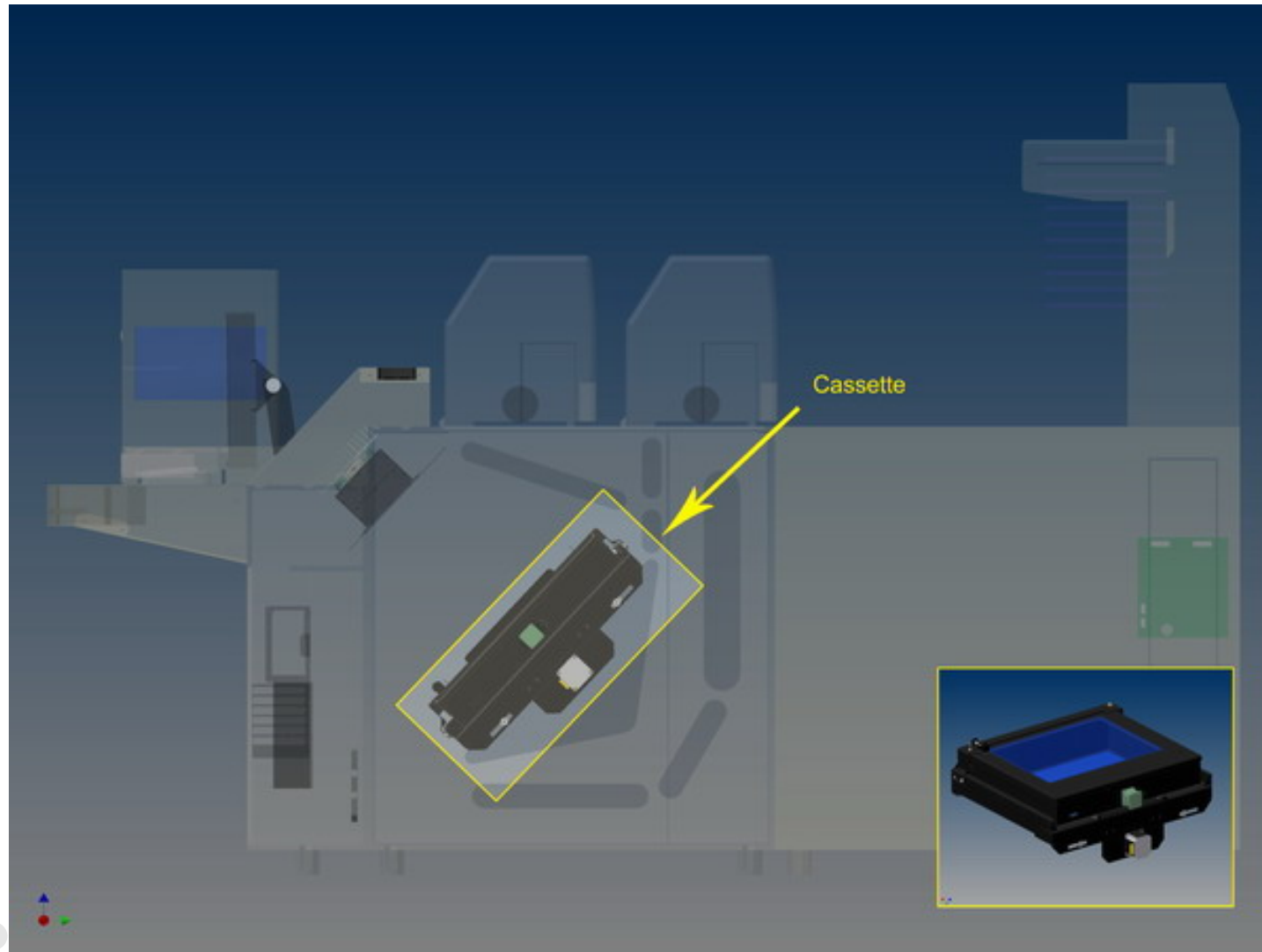
CPDM 23N1 Kit

- CPDM 23N1 Cassette
- LED Light Box
- Printer Cover Plate Position
- PCB Main Board (23N1E1100)
- PCB Paper Processor (23N1E2100)
- LCP Stepper Motor Driver
- Internal PC plate
- Top Cover
- Densitometer
- *(SW and Documentaiton)*

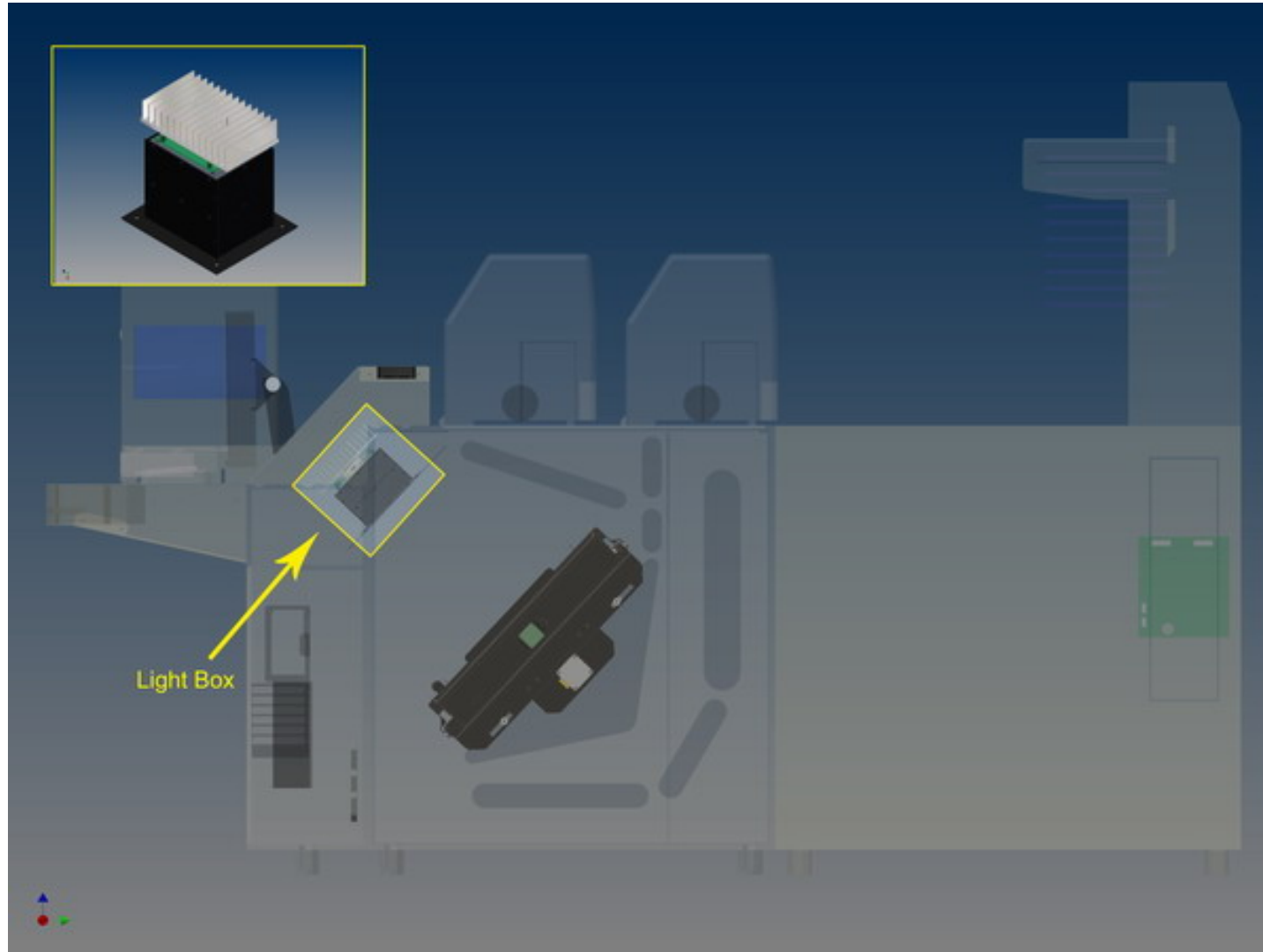
CPDM 23N1 Cassette



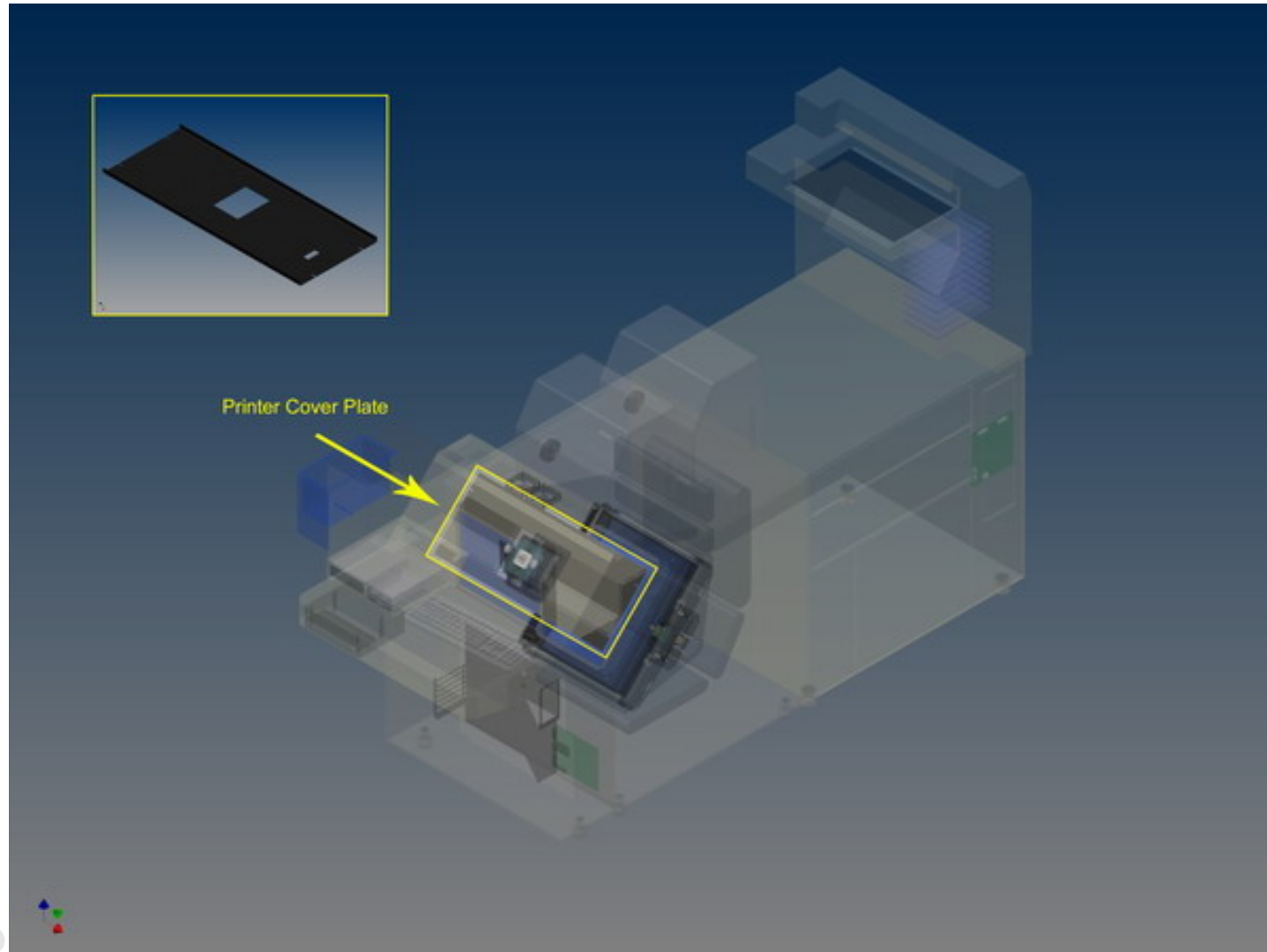
CPDM 23N1 Cassette Position



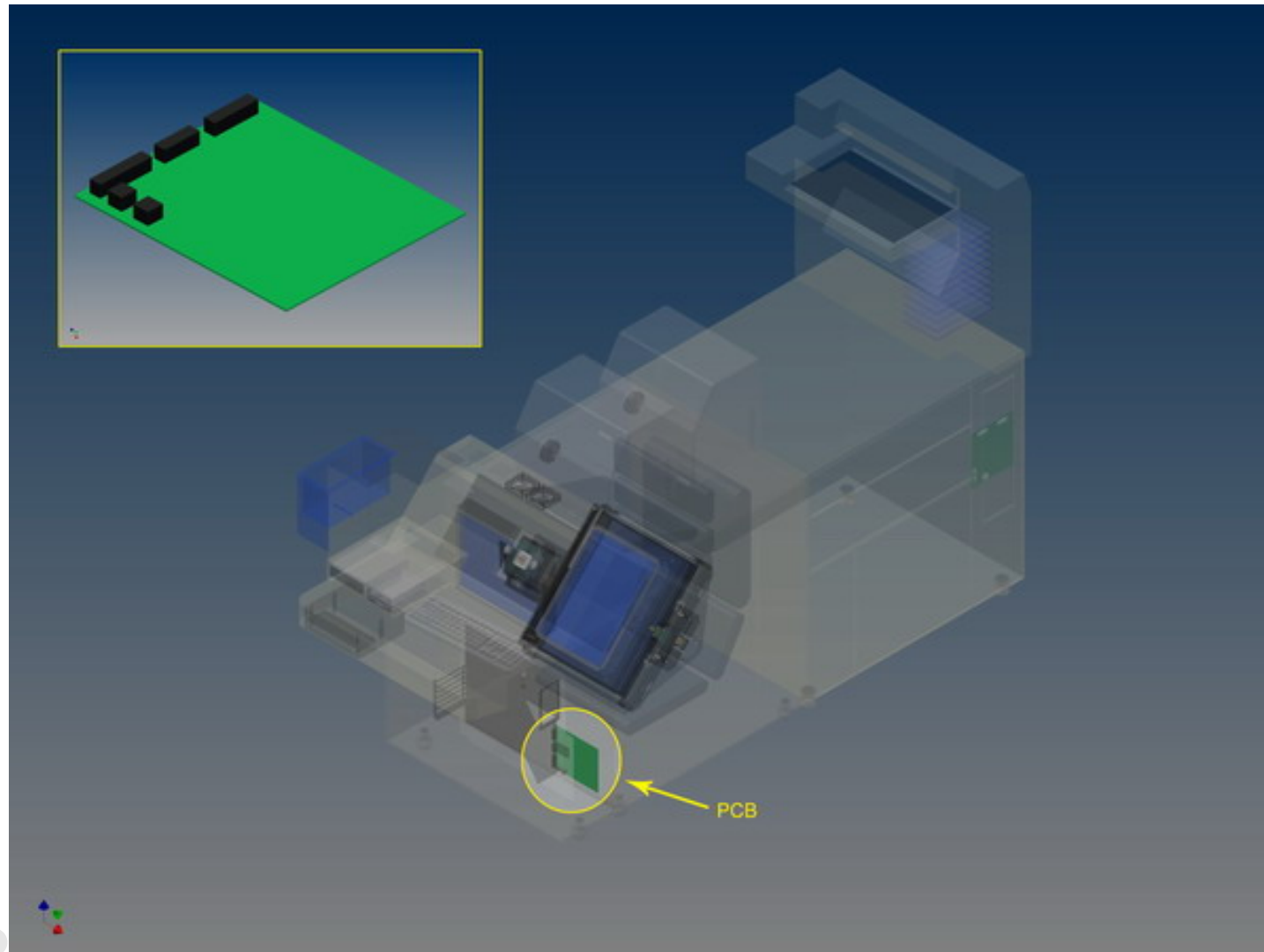
LED Light Box



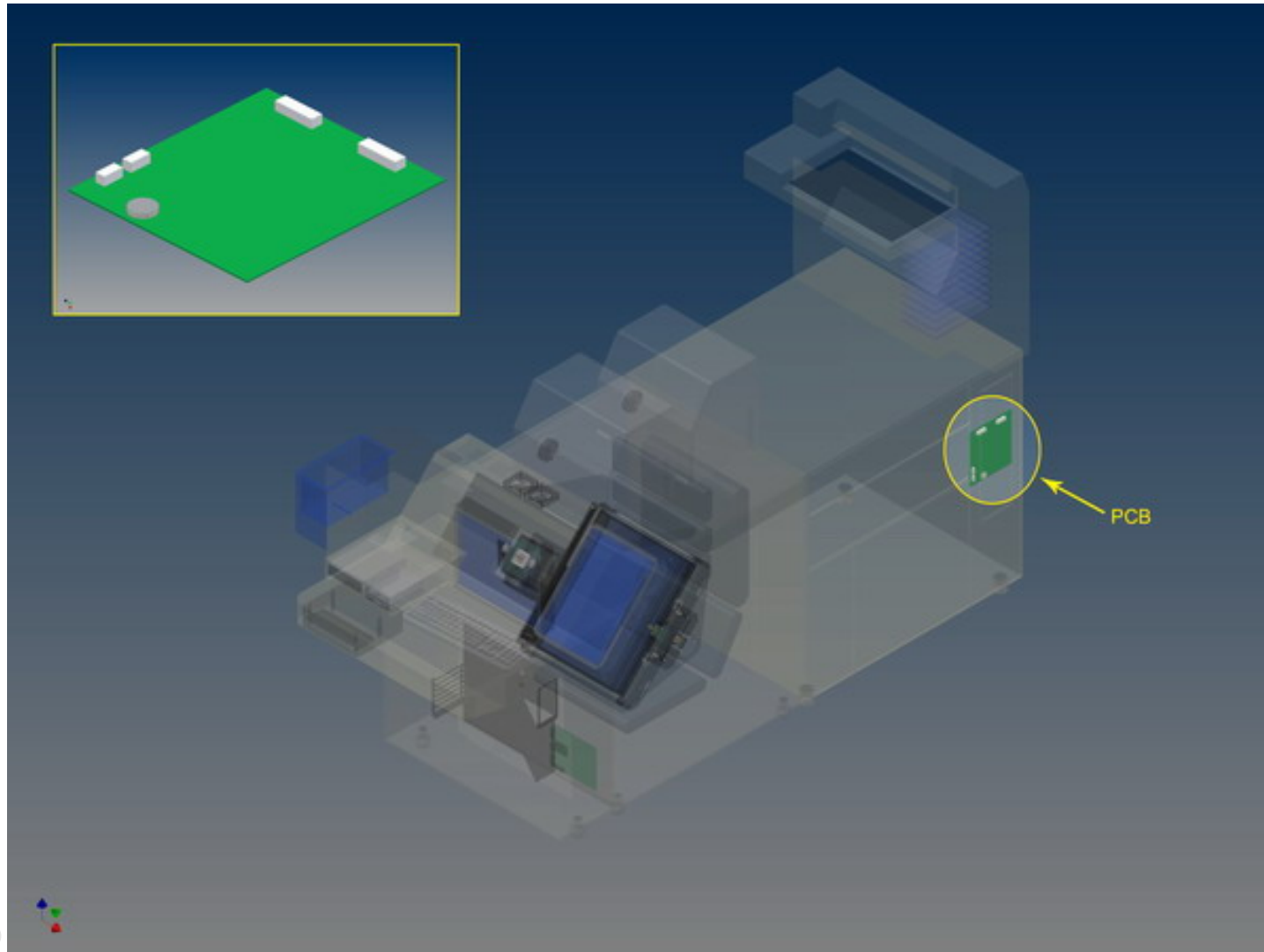
Printer Cover Plate



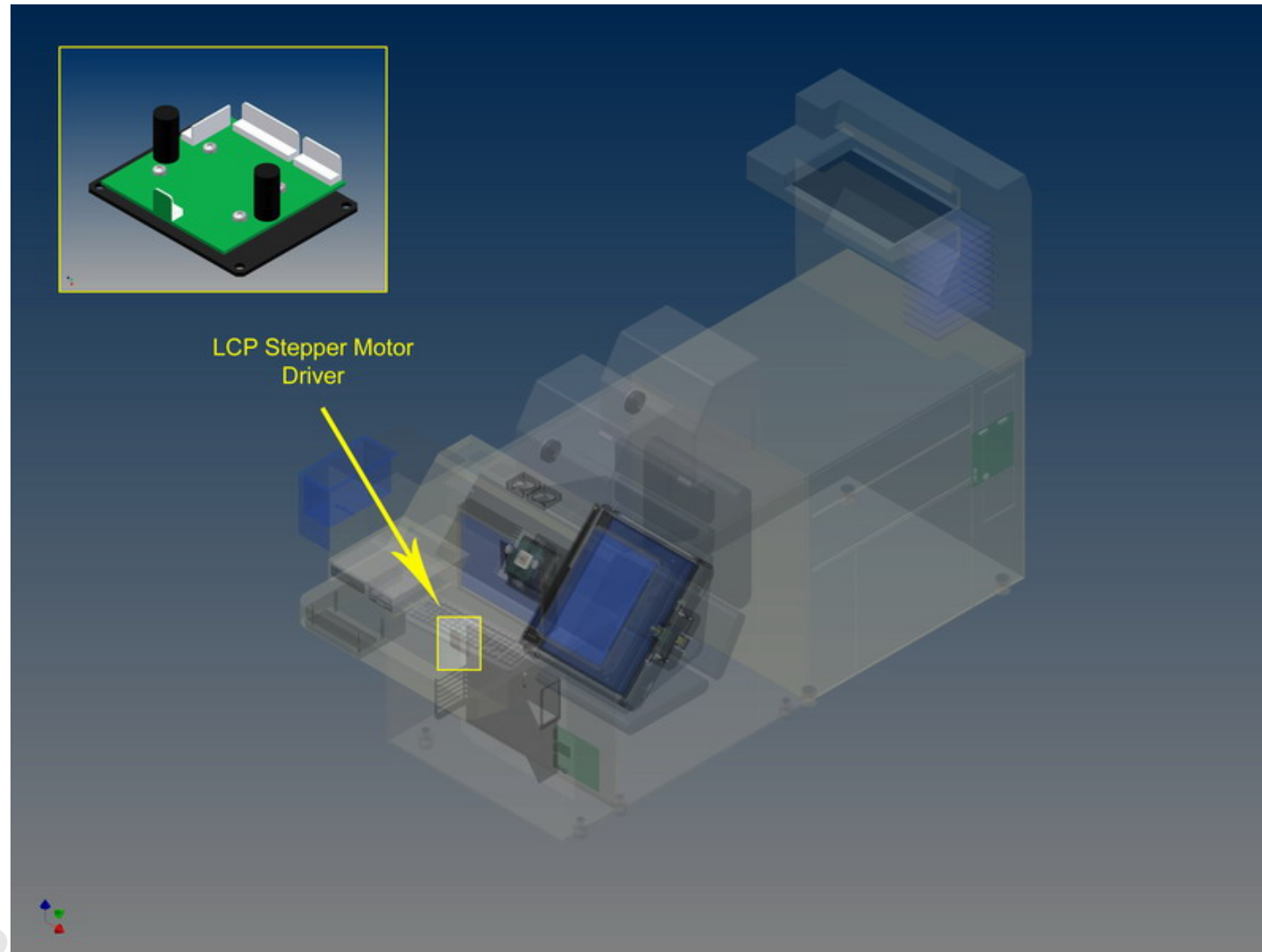
PCB Main Board (23N1E1100)



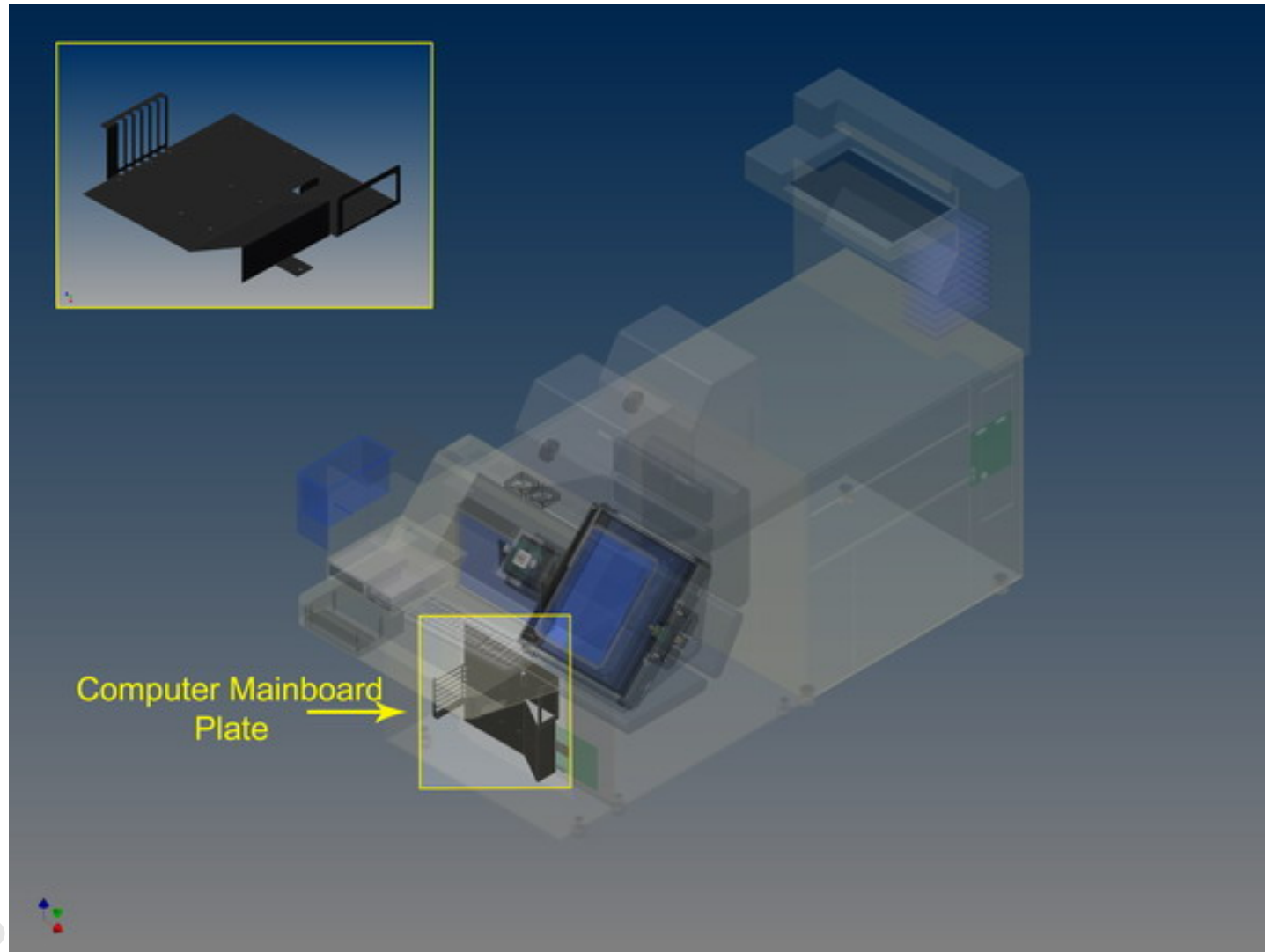
PCB Paper Processor (23N1E2100)



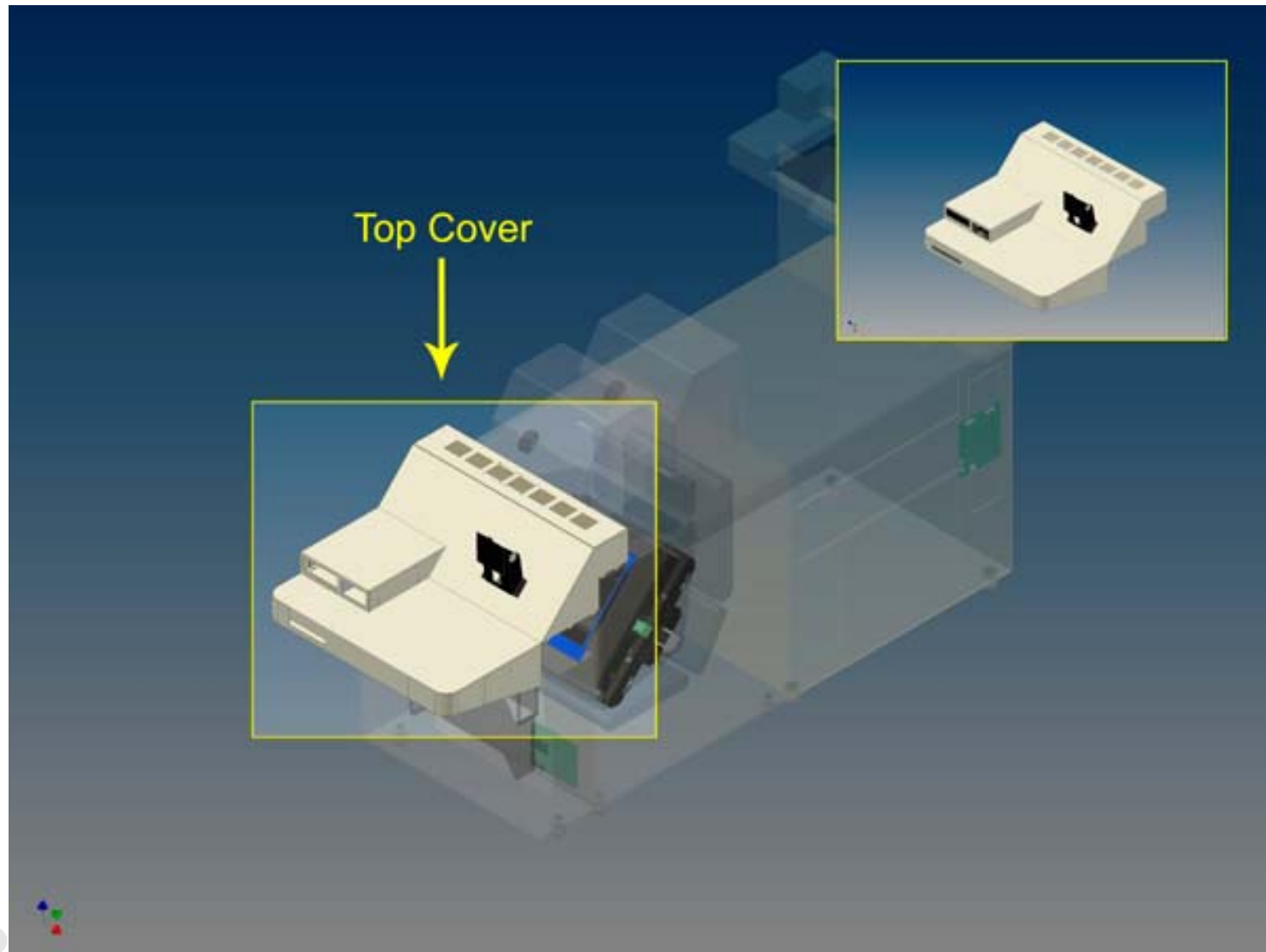
LCP Stepper Motor Driver (23N1E1300)



Internal PC plate



Top Cover



Densitometer DS-25



Additional elements

(not provided by Lab Net Plus)

- Internal PC
- Monitor
- Pakon film scanner
- Flatbed scanner for calibration
- ICC profiling tools

Digital QSS 2301 after conversion



Digital QSS 2301 specifications



Exposure System	<i>digital</i> CONTACT PRINTING™
Resolution	368 dpi (constant for all formats)
Lens	No lens
Cut Sheet Size	Maximum 12" x 16.7" (305 x 425mm)
ICC profiling	Compatible
Processing Capacity	1400 prints/hour 3.5" x 5" (89 x 127 mm)
	1400 prints/hour 4" x 6" (102 x 152 mm)
	440 prints/hour 8" x 10" (203 x 254 mm)
	240 prints/hour 12" x 16.7" (305 x 425 mm)

for more information please refer to "CPDM 23N1 OEM Digital Conversion Kit" brochure

CPDM Installation Steps

1. Disassemble of optical parts
2. Install CPDM parts and internal PC
 - Light Source
 - PCBs
 - CPDM cassette
 - Internal PC
 - Top cover
3. SW installation
 - Windows
 - IbnLab and IbnSender
4. Calibration

www.labnetplus.com