

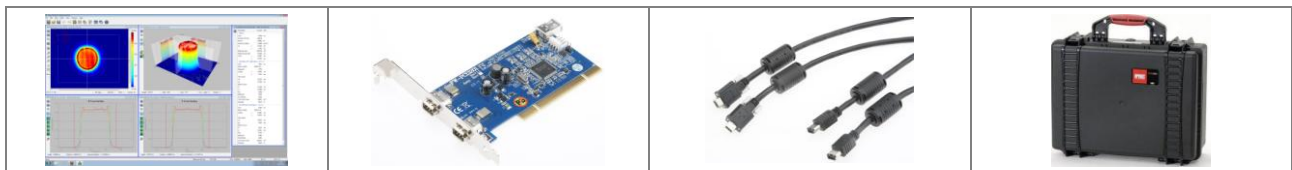


LaserDec CL200 - Technical Data -

	CL200	CL200 HP	CL200 HP - HS
IMAGE CONVERTER	<i>Standard</i>	<i>High Performance</i>	<i>High Sensitivity</i>
Spectral sensitivity:	8µm - 12µm	8µm - 12µm	8µm - 12µm
Clear aperture:	Ø=20mm	Ø=20mm	Ø=20mm
Beam diameter (1/e ²):	1mm - 10mm	1mm - 10mm	1mm - 10mm
Intensity range*:	10W/cm ² - 1.000W/cm ²	20W/cm ² - 2.000W/cm ²	<1W/cm ² - 100W/cm ²
Input power (max):	200W	200W	50W
With attenuation unit 0°:	up to 2kW	up to 2kW	up to 2kW
With attenuation unit 90°:	up to 2.5kW	up to 2.5kW	up to 2.5kW
Effective pixel size:	x=78µm / y=73µm	x=44µm / y=42µm*	x=46µm / y=40µm*
CAMERA FEATURES			
Sensor:	CCD	CCD	CCD
Resolution:	376 x 288pixel	640 x 482pixel*	608 x 514pixel*
Bit depth (output):	8Bit	14Bit	14Bit
Frame rate:	20Hz	15Hz*	15Hz*
Interface:	FireWire 1394a	FireWire 1394b	FireWire 1394b
Mode:	cw or pulsed	cw or pulsed	cw or pulsed
SPECIFICATIONS			
Mechanical dimensions (W x H x L):	298mm x 141mm x 76mm	298mm x 141mm x 76mm	298mm x 141mm x 76mm
Weight:	2.6kg	2.6kg	2.7kg
Electrical requirements:	AC120V / 240V; 48 - 63Hz; 285W	AC120V / 240V; 48 - 63Hz; 285W	AC120V / 240V; 48 - 63Hz; 285W
Storage temperature**:	0°C...+60°C	0°C...+60°C	0°C...+60°C
Operating temperature**:	+5°C...+35°C	+5°C...+35°C	+5°C...+35°C
Humidity:	20%...80%	20%...80%	20%...80%
Regulations:	CE, RoHs	CE, RoHs	CE, RoHs

* different parameters on request
** without condensation

Design and specification of the described product(s) are subject to change without notice.





LaserDec CL500 - Technical Data -

	CL500	CL500 HP	CL500 HP - HS
IMAGE CONVERTER	<i>Standard</i>	<i>High Performance</i>	<i>High Sensitivity</i>
Spectral sensitivity:	8µm - 12µm	8µm - 12µm	8µm - 12µm
Clear aperture:	Ø=30mm	Ø=30mm	Ø=30mm
Beam diameter (1/e ²):	1mm - 15mm	1mm - 15mm	1mm - 15mm
Intensity range*:	10W/cm ² - 1.000W/cm ²	20W/cm ² - 2.000W/cm ²	<1W/cm ² - 100W/cm ²
Input power (max):	450W	450W	100W
With attenuation unit 0°:	up to 2kW	up to 2kW	up to 2kW
With attenuation unit 90°:	up to 3kW	up to 3kW	up to 2.5kW
Effective pixel size:	x=110µm / y=102µm	x=65µm / y=63µm*	x=61µm / y=59µm*

CAMERA FEATURES

Sensor:	CCD	CCD	CCD
Resolution:	376 x 288pixel	640 x 482pixel*	608 x 514pixel*
Bit depth (output):	8Bit	14Bit	14Bit
Frame rate:	20Hz	15Hz*	15Hz*
Interface:	FireWire 1394a	FireWire 1394b	FireWire 1394b
Mode:	cw or pulsed	cw or pulsed	cw or pulsed

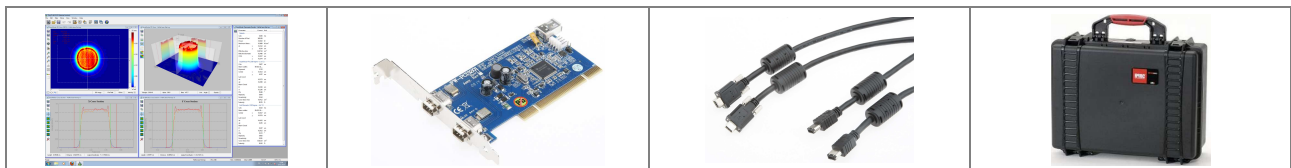
SPECIFICATIONS

Mechanical dimensions (W x H x L):	340mm x 165mm x 92mm	340mm x 165mm x 92mm	340mm x 165mm x 92mm
Weight:	3.3kg	3.4kg	3.5kg
Electrical requirements:	AC120V / 240V; 48 - 63Hz; 570W	AC120V / 240V; 48 - 63Hz; 570W	AC120V / 240V; 48 - 63Hz; 320W
Storage temperature**:	0°C...+60°C	0°C...+60°C	0°C...+60°C
Operating temperature**:	+5°C...+35°C	+5°C...+35°C	+5°C...+35°C
Humidity:	20%...80%	20%...80%	20%...80%
Regulations:	CE, RoHs	CE, RoHs	CE, RoHs

* different parameters on request

** without condensation

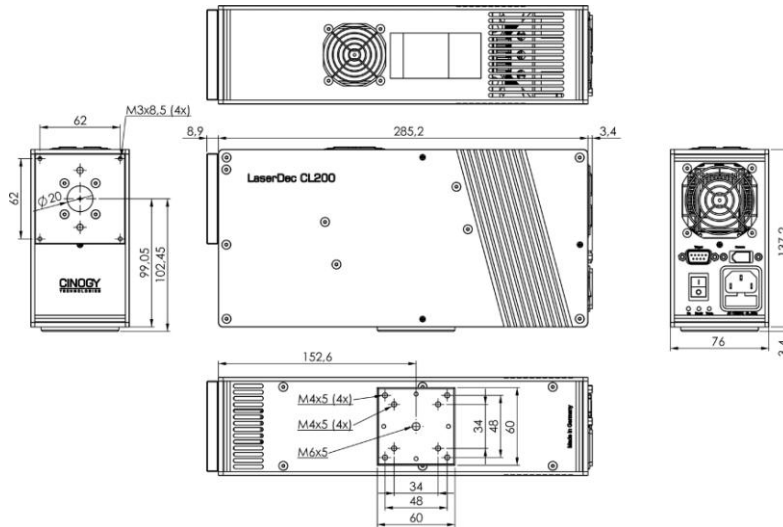
Design and specification of the described product(s) are subject to change without notice.



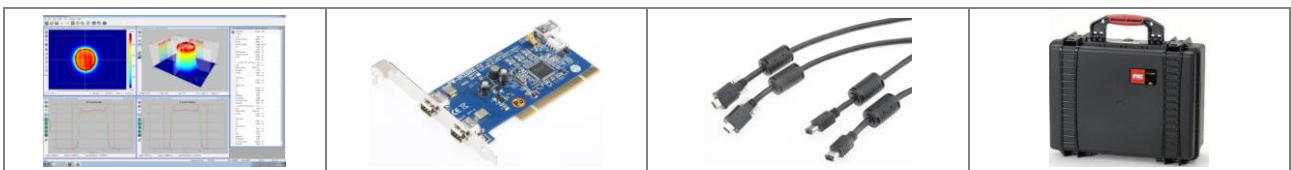
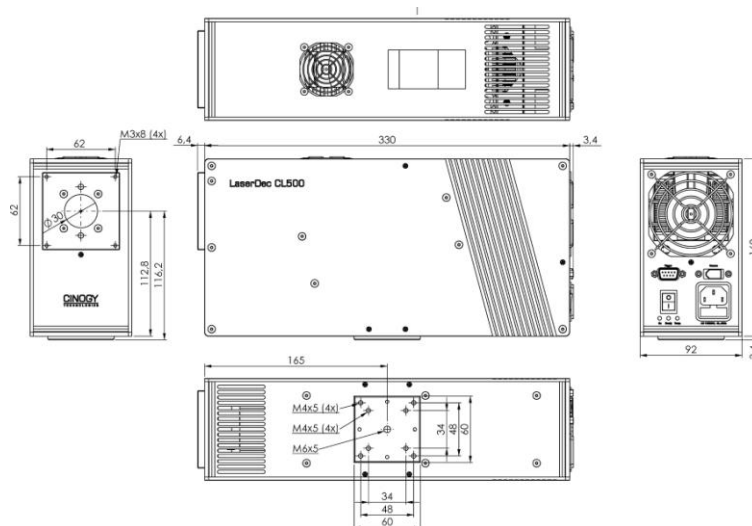


LaserDec CL - Dimensions -

LaserDec CL200 / CL200 HP / CL200 HP-HS



LaserDec CL500 / CL500 HP / CL500 HP-HS

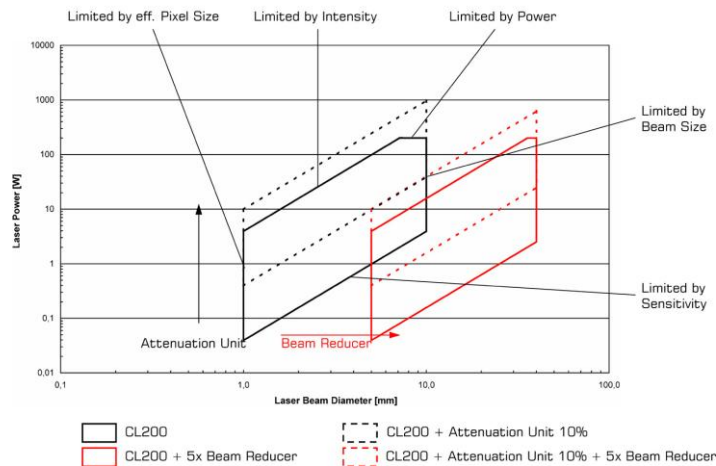




LaserDec CL - Operational Range -

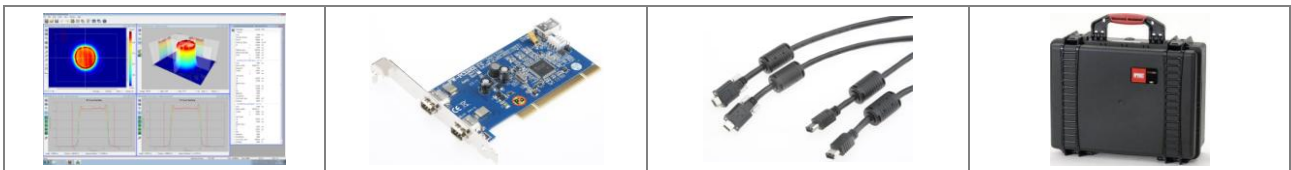
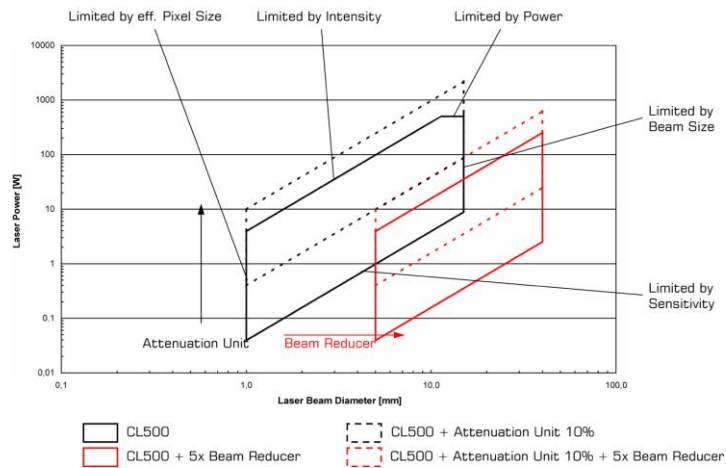
LaserDec CL200

Operational range of LaserDec CL200



LaserDec CL500

Operational range of LaserDec CL500

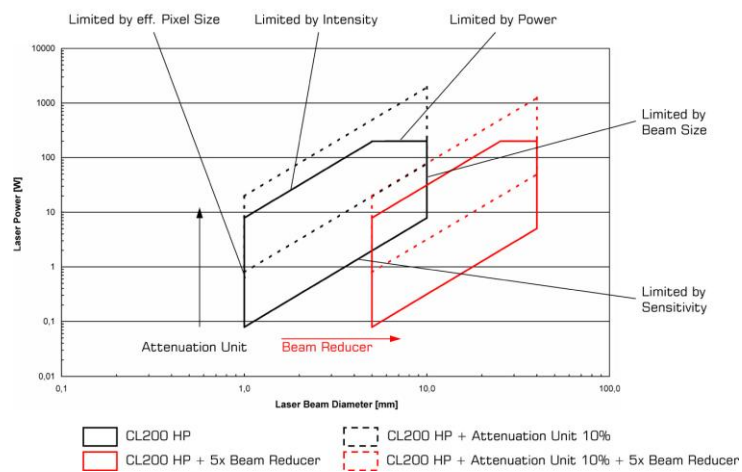




LaserDec CL - Operational Range -

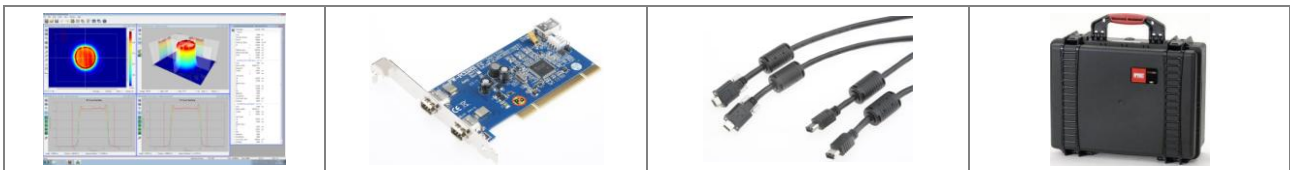
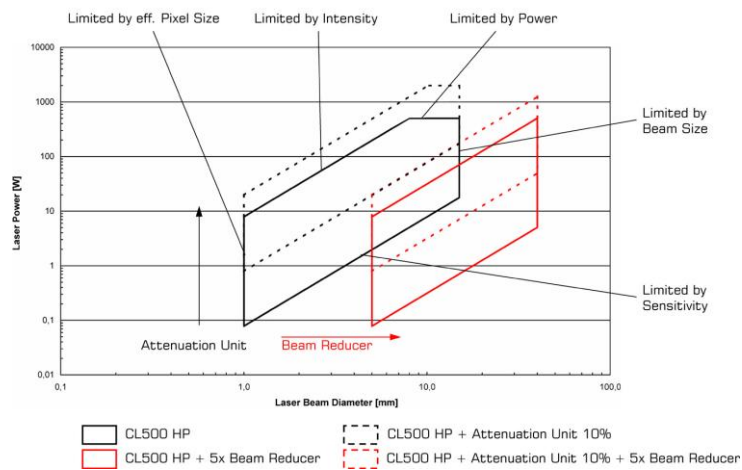
LaserDec CL200HP

Operational range of LaserDec CL200 HP



LaserDec CL500HP

Operational range of LaserDec CL500 HP

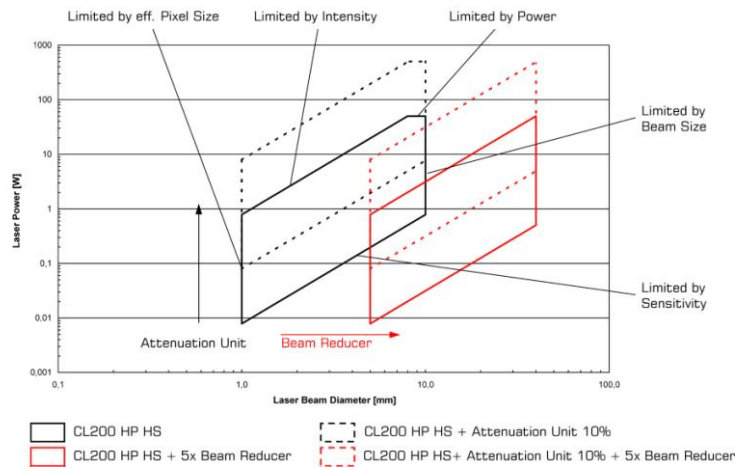




LaserDec CL - Operational Range -

LaserDec CL200HP-HS

Operational range of LaserDec CL200 HP HS



LaserDec CL500HP-HS

Operational range of LaserDec CL500 HP HS

