

## 11.1. System Identification

Model **NL231-100-SH/TH**

Serial No **DNL038**

## 11.2. System Components

**Table 11** Electrical components

<b>Component Name</b>	<b>Type</b>	<b>Serial Number</b>
Power supply	PS8003DR	21-1308
Laser diodes	QD-Q1903-L3-EKS	CP10036, 55
Cooling unit	SMC HECR004-05-EP	ZR-0978 (Apr. 2021)

**Table 12** Fuses

<b>Fuse type</b>	<b>Dimensions</b>	<b>Location</b>
10A SLOW	5×20 mm	Rear of power supply

**Table 13** Optical components

Component Name	No in optical layout	Characteristics/Code
<b>NL230 series laser</b>		
Cavity mirror 0°	OC1.1	P5BK7-BK7MO75V664X8301-DP5
Pockels cell	PC1.1	P5BBO-BBOXS06C20Z1-AA0
Laser rod	LR1.1	P5YAG-G11N5-50W0/OA1
Cavity mirrors 0°	RM1.1	P5BK7-BK7SO73V32001-OH0
Thin-film Polarizers	P1.1, P1.2	P5UVS-UVSAR56D1-PA5
<b>Harmonics generation</b>		
Waveplate	HWP2.1	P5KKV-KKVTO4CL21-AA0
Mirror	M2.1, M2.2	P5UVS-UVSAO861-H15
Mirror	M2.3, M2.4	P5UVS-UVSAO8621-H05
Mirror	DM2.1	P5UVS-UVSAR5621-SA5-S
Mirror	DM2.2, DM2.3	P5UVS-UVSAO86321-SA5

Component Name	No in optical layout	Characteristics/Code
Crystal (second harmonic)	SHG2.1	P5LBO-LBOH1S214S1-AA0X
Crystal (third harmonic)	THG2.1	P5LBO-LBOH2S0915T1-A00
Window	W2.3	P5UVS-UVSAO73321-AA0
Dump mirror	M2.5, M2.6	P5BK7-BK7AR5621-H05
Dump mirror	M2.7	P5UVS-UVSAR76123-H15-S
Dump window	W2.1, W2.2	P5UVS-UVSAO42-11
Dump window	Dump2.1	P5M23-M23AO7221-A10