Treatment Time Calculation Table - 3D Model by Konftec

Calculated by Konftec's 3D Model (The Monte Carlo method for simulating photon migration in biological tissue.)

Power Density   I   I (W/cm²) = P (mW)/1000 /A (cm²)

     1) Energy loss is postulated to be linear at 7.5% per mm of tissue.

     2) Treatment time is calculated by Monte Carlo Simulation method.

$$\text{Treatment Time (second)} = \frac{\text{Dose (J/cm}^3\text{) x 1000 x Laser Beam Spot Size (cm}^2)}{\text{End Power (mW) x Energy Loss Factor (/cm)}}$$

Taping Laser *Aculas-AM-100A*

Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc
	(nm)	(mW)	(mW)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)
AM-100A Taping Laser	405nm	25	23	3	3	surface	1	391	6	31	7
						0.5	0.6772	578	9	38	10
						1.0	0.4586	853	14	13	14
						1.5	0.3105	1260	21	0	21
						2.0	0.2103	1861	31	1	31
	660nm	50	46	3	3	surface	1	196	3	16	3
						0.5	0.6772	289	4	49	5
						1.0	0.4586	427	7	7	7
						1.5	0.3105	630	10	30	11
						2.0	0.2103	930	15	30	16
	780nm or 808nm	80	73.6	3	3	surface	1	122	2	2	2
						0.5	0.6772	181	3	1	3
						1.0	0.4586	267	4	27	5
						1.5	0.3105	394	6	34	7
						2.0	0.2103	581	9	41	10
						2.5	0.1424	859	14	19	15
						3.0	0.0964	1268	21	8	21
						3.5	0.0653	1872	31	12	31
						4.0	0.0442	2765	46	5	46
	980nm	50	46	3	3	surface	1	196	3	16	3
						0.5	0.6772	289	4	49	5
						1.0	0.4586	427	7	7	7
						1.5	0.3105	630	10	30	11
						2.0	0.2103	930	15	30	16
						2.5	0.1424	1374	22	54	23
						3.0	0.0964	2029	33	49	34

Treatment Time Calculation Table - 3D Model by Konftec

Handheld Laser *Aculas-AM-100C*											
Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc
	(nm)	(mW)	(mW)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)
AM-100C + Cap-A	660nm	150	135	0.13	3	surface	1	3			
						0.5	0.6772	4			
						1.0	0.4586	6			
						1.5	0.3105	9			
						2.0	0.2103	14			
AM-100C + Cap-C or Cap-D	660nm	150	120	0.5	3	surface	1	13			
						0.5	0.6772	18			
						1.0	0.4586	27			
						1.5	0.3105	40			
						2.0	0.2103	59			
AM-100C + Cap-E	660nm	150	105	0.13	3	surface	1	4			
						0.5	0.6772	5			
						1.0	0.4586	8			
						1.5	0.3105	12			
						2.0	0.2103	17			
AM-100C + Cap-S	660nm	150	90	3.14	3	surface	1	105	1	45	2
						0.5	0.6772	155	2	35	3
						1.0	0.4586	228	3	48	4
						1.5	0.3105	337	5	37	6
						2.0	0.2103	498	8	18	9

Treatment Time Calculation Table - 3D Model by Konftec

Handheld Laser *Aculas-AM-100C*											
Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc
	(nm)	(mW)	(mW)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)
AM-100C + Cap-A	808nm	460	414	0.13	3	surface	1	1			
						0.5	0.6772	1			
						1.0	0.4586	2			
						1.5	0.3105	3			
						2.0	0.2103	4			
						2.5	0.1424	7			
						3.0	0.0964	10			
						3.5	0.0653	14			
						4.0	0.0442	21			
						4.5	0.0299	31			
						5.0	0.0203	46			
AM-100C + Cap-C or Cap-D	808nm	460	368	0.5	3	surface	1	4			
						0.5	0.6772	6			
						1.0	0.4586	9			
						1.5	0.3105	13			
						2.0	0.2103	19			
						2.5	0.1424	29			
						3.0	0.0964	42			
						3.5	0.0653	62			
						4.0	0.0442	92			
						4.5	0.0299	136	2	16	3
						5.0	0.0203	201	3	21	4
AM-100C + Cap-E	808nm	460	322	0.13	3	surface	1	1			
						0.5	0.6772	2			
						1.0	0.4586	3			
						1.5	0.3105	4			
						2.0	0.2103	6			
						2.5	0.1424	9			
						3.0	0.0964	13			
						3.5	0.0653	19			
						4.0	0.0442	27			
						4.5	0.0299	40			
						5.0	0.0203	60			
AM-100C + Cap-S	808nm	460	276	3.14	3	surface	1	34			
						0.5	0.6772	50			
						1.0	0.4586	74			
						1.5	0.3105	110	1	50	2
						2.0	0.2103	162	2	42	3
						2.5	0.1424	240	3	60	4
						3.0	0.0964	354	5	54	6
						3.5	0.0653	523	8	43	9
						4.0	0.0442	772	12	52	13
						4.5	0.0299	1140	18	60	19
						5.0	0.0203	1683	28	3	28

Treatment Time Calculation Table - 3D Model by Konftec

Laser Shower *Aculas-AM-102*											
Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc
	(nm)	(mW)	(mW)	(cm²)	(J/cm³）	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)
AM-102 Shower	405nm	100	100	32	3	surface	1	960	16	0	16
						0.5	0.6772	1418	23	38	24
						1.0	0.4586	2093	34	53	35
	660nm	500	500	32	3	surface	1	192	3	12	3
						0.5	0.6772	284	4	44	5
						1.0	0.4586	419	6	59	7
						1.5	0.3105	618	10	18	11
						2.0	0.2103	913	15	13	15
	780nm	500	500	32	3	surface	1	192	3	12	3
						0.5	0.6772	284	4	44	5
						1.0	0.4586	419	6	59	7
						1.5	0.3105	618	10	18	11
						2.0	0.2103	913	15	13	15
						2.5	0.1424	1348	22	28	23
						3.0	0.0964	1991	33	11	33
	808nm	1000	1000	32	3	surface	1	96	1	36	2
						0.5	0.6772	142	2	22	3
						1.0	0.4586	209	3	29	4
						1.5	0.3105	309	5	9	5
						2.0	0.2103	456	7	36	8
						2.5	0.1424	674	11	14	11
						3.0	0.0964	995	16	35	17
						3.5	0.0653	1470	24	30	25
						4.0	0.0442	2171	36	11	36

Treatment Time Calculation Table - 3D Model by Konftec

Battery-powered Laser *Klas-A*

Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc
	(nm)	(mW)	(mW)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)
Klas-A50	660nm	50	45	0.13	3	surface	1	9			
						0.5	0.6772	13			
						1.0	0.4586	19			
						1.5	0.3105	28			
						2.0	0.2103	41			
Klas-A61	660nm	100	90	0.13	3	surface	1	4			
						0.5	0.6772	6			
						1.0	0.4586	9			
						1.5	0.3105	14			
						2.0	0.2103	21			
Klas-A79	780nm	100	90	0.13	3	surface	1	4			
						0.5	0.6772	6			
						1.0	0.4586	9			
						1.5	0.3105	14			
						2.0	0.2103	21			
						2.5	0.1424	30			
						3.0	0.0964	45			
						3.5	0.0653	66			
						4.0	0.0442	98	1	38	2
						4.5	0.0299	145	2	25	3
						5.0	0.0203	214	3	34	4
Klas-A81	808nm	110	99	0.13	3	surface	1	4			
						0.5	0.6772	6			
						1.0	0.4586	9			
						1.5	0.3105	13			
						2.0	0.2103	19			
						2.5	0.1424	28			
						3.0	0.0964	41			
						3.5	0.0653	60			
						4.0	0.0442	89			
						4.5	0.0299	132	2	12	2
						5.0	0.0203	194	3	14	3

Treatment Time Calculation Table - 3D Model by Konftec

Battery-powered Laser *Klas-D*												
Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc	
	(nm)	(mW)	(mW)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)	
Klas-D50	660nm	50	40	0.5	3	surface	1	38				
						0.5	0.6772	55				
						1.0	0.4586	82				
						1.5	0.3105	121	2	1	2	
						2.0	0.2103	178	2	58	3	
Klas-D61	660nm	100	80	0.5	3	surface	1	19				
						0.5	0.6772	28				
						1.0	0.4586	41				
						1.5	0.3105	60				
						2.0	0.2103	89				
Klas-D81	808nm	110	88	0.5	3	surface	1	17				
						0.5	0.6772	25				
						1.0	0.4586	37				
						1.5	0.3105	55				
						2.0	0.2103	81				
						2.5	0.1424	120	1	60	2	
						3.0	0.0964	177	2	57	3	
						3.5	0.0653	261	4	21	5	
						4.0	0.0442	385	6	25	7	
						4.5	0.0299	569	9	29	10	
						5.0	0.0203	840	14	0	14	

Treatment Time Calculation Table - 3D Model by Konftec

Battery-powered Laser *Klas-E*

Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc
	(nm)	(mW)	(mW)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)
Klas-E50	660nm	50	35	0.13	3	surface	1	11			
						0.5	0.6772	16			
						1.0	0.4586	24			
						1.5	0.3105	36			
						2.0	0.2103	53			
Klas-E61	660nm	100	70	0.13	3	surface	1	6			
						0.5	0.6772	8			
						1.0	0.4586	12			
						1.5	0.3105	18			
						2.0	0.2103	26			
Klas-E81	808nm	110	77	0.13	3	surface	1	5			
						0.5	0.6772	7			
						1.0	0.4586	11			
						1.5	0.3105	16			
						2.0	0.2103	24			
						2.5	0.1424	36			
						3.0	0.0964	53			
						3.5	0.0653	78			
						4.0	0.0442	115			
						4.5	0.0299	169			
						5.0	0.0203	250			

Battery-powered Laser *Klas-S*

Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc
	(nm)	(mW)	(mW)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)
Klas-S50	660nm	50	30	3.14	3	surface	1	314	5	14	5
						0.5	0.6772	464	7	44	8
						1.0	0.4586	685	11	25	12
						1.5	0.3105	1011	16	51	17
						2.0	0.2103	1493	24	53	25
Klas-S61	660nm	100	60	3.14	3	surface	1	157	2	37	3
						0.5	0.6772	232	3	52	4
						1.0	0.4586	342	5	42	6
						1.5	0.3105	506	8	26	9
						2.0	0.2103	747	12	27	13
Klas-S81	808nm	110	66	3.14	3	surface	1	143	2	23	3
						0.5	0.6772	211	3	31	4
						1.0	0.4586	311	5	11	5
						1.5	0.3105	460	7	40	8
						2.0	0.2103	679	11	19	12
						2.5	0.1424	1002	16	42	17
						3.0	0.0964	1480	24	40	25

Treatment Time Calculation Table - 3D Model by Konftec

Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc
	(nm)	(mW)	(mW)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)
Klas-P62 + Cap-A	808nm	250	225	0.13	3	surface	1	2			
						0.5	0.6772	3			
						1.0	0.4586	4			
						1.5	0.3105	6			
						2.0	0.2103	8			
						2.5	0.1424	12			
						3.0	0.0964	18			
						3.5	0.0653	27			
						4.0	0.0442	39			
						4.5	0.0299	58			
						5.0	0.0203	85			
Klas-P62 + Cap-C or Cap-D	808nm	250	200	0.5	3	surface	1	8			
						0.5	0.6772	11			
						1.0	0.4586	16			
						1.5	0.3105	24			
						2.0	0.2103	36			
						2.5	0.1424	53			
						3.0	0.0964	78			
						3.5	0.0653	115	1	55	2
						4.0	0.0442	170	2	50	3
						4.5	0.0299	250	4	10	4
						5.0	0.0203	370	6	10	6
Klas-P62 + Cap-E	808nm	250	180	0.13	3	surface	1	2			
						0.5	0.6772	3			
						1.0	0.4586	5			
						1.5	0.3105	7			
						2.0	0.2103	10			
						2.5	0.1424	15			
						3.0	0.0964	22			
						3.5	0.0653	33			
						4.0	0.0442	49			
						4.5	0.0299	72	1	12	1
						5.0	0.0203	107	1	47	2
Klas-P62 + Cap-S	808nm	250	150	3.14	3	surface	1	63			
						0.5	0.6772	93			
						1.0	0.4586	137	2	17	3
						1.5	0.3105	202	3	22	4
						2.0	0.2103	299	4	59	5
						2.5	0.1424	441	7	21	8
						3.0	0.0964	651	10	51	11
						3.5	0.0653	962	16	2	16
						4.0	0.0442	1420	23	40	24

Treatment Time Calculation Table - 3D Model by Konftec

Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc
	(nm)	(mW)	(mW)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)
Klas-P64 + Cap-A	808nm	460	414	0.13	3	surface	1	1			
						0.5	0.6772	1			
						1.0	0.4586	2			
						1.5	0.3105	3			
						2.0	0.2103	4			
						2.5	0.1424	7			
						3.0	0.0964	10			
						3.5	0.0653	14			
						4.0	0.0442	21			
						4.5	0.0299	31			
						5.0	0.0203	46			
Klas-P64 + Cap-C or Cap-D	808nm	460	368	0.5	3	surface	1	4			
						0.5	0.6772	6			
						1.0	0.4586	9			
						1.5	0.3105	13			
						2.0	0.2103	19			
						2.5	0.1424	29			
						3.0	0.0964	42			
						3.5	0.0653	62			
						4.0	0.0442	92			
						4.5	0.0299	136	2	16	3
						5.0	0.0203	201	3	21	4
Klas-P64 + Cap-E	808nm	460	320	0.13	3	surface	1	1			
						0.5	0.6772	2			
						1.0	0.4586	3			
						1.5	0.3105	4			
						2.0	0.2103	6			
						2.5	0.1424	9			
						3.0	0.0964	13			
						3.5	0.0653	19			
						4.0	0.0442	28			
						4.5	0.0299	41			
						5.0	0.0203	60			
Klas-P64 + Cap-S	808nm	460	276	3.14	3	surface	1	34			
						0.5	0.6772	50			
						1.0	0.4586	74			
						1.5	0.3105	110	1	50	2
						2.0	0.2103	162	2	42	3
						2.5	0.1424	240	3	60	4
						3.0	0.0964	354	5	54	6
						3.5	0.0653	523	8	43	9
						4.0	0.0442	772	12	52	13
						4.5	0.0299	1140	18	60	19
						5.0	0.0203	1683	28	3	28

Treatment Time Calculation Table - 3D Model by Konftec

Laser Irradiation *Megalas-AM-800*

Laser	Wavelength (nm)	CW Power (mW)	End Power (mW)	Treatment Area (cm²)	Target Dose (J/cm³)	Depth of Tissue (cm)	Energy Loss Factor (/cm)	Calculation Time (Sec.)	(Min.)	(Sec.)	Tc (Min.)
1 Irradiator	660nm	2000	2000	314	3	surface	1	471	7	51	8
						0.5	0.6772	696	11	36	12
						1.0	0.4586	1027	17	7	17
						1.5	0.3105	1517	25	17	26
						2.0	0.2103	2240	37	20	38
	780nm or 808nm	1900	1900	314	3	surface	1	496	8	16	8
						0.5	0.6772	732	12	12	12
						1.0	0.4586	1081	18	1	18
						1.5	0.3105	1597	26	37	27
						2.0	0.2103	2358	39	18	40
						2.5	0.1424	3481	58	1	58
						3.0	0.0964	5141	85	41	86
3 Irradiator	660nm	6000	6000	314	3	surface	1	157	2	37	3
						0.5	0.6772	232	3	52	4
						1.0	0.4586	342	5	42	6
						1.5	0.3105	506	8	26	9
						2.0	0.2103	747	12	27	13
	780nm or 808nm	5700	5700	314	3	surface	1	165	2	45	3
						0.5	0.6772	244	4	4	4
						1.0	0.4586	360	6	0	6
						1.5	0.3105	532	8	52	9
						2.0	0.2103	786	13	6	13
						2.5	0.1424	1160	19	20	20
						3.0	0.0964	1714	28	34	29

Laser Irradiation *emLas-900*

Laser	Wavelength (nm)	CW Power (mW)	End Power (mW)	Treatment Area (cm²)	Target Dose (J/cm³)	Depth of Tissue (cm)	Energy Loss Factor (/cm)	Calculation Time (Sec.)	(Min.)	(Sec.)	Tc (Min.)
900A	660nm	1000	1000	314	3	surface	1	942	15	42	16
						0.5	0.6772	1391	23	11	23
						1.0	0.4586	2054	34	14	34
900B	660nm	2000	2000	314	3	surface	1	471	7	51	8
						0.5	0.6772	696	11	36	12
						1.0	0.4586	1027	17	7	17
						1.5	0.3105	1517	25	17	26
						2.0	0.2103	2240	37	20	38
900C 900D	780nm 808nm	1900	1900	314	3	surface	1	496	8	16	8
						0.5	0.6772	732	12	12	12
						1.0	0.4586	1081	18	1	18
						1.5	0.3105	1597	26	37	27
						2.0	0.2103	2358	39	18	40

Treatment Time Calculation Table - 3D Model by Konftec

Laser Shower *emLas-650*

Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time			Tc
	(nm)	(mW)	(mW)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	(Min.)	(Sec.)	(Min.)
650A	660nm	250	250	32	3	surface	1	384	6	24	7
						0.5	0.6772	567	9	27	10
						1.0	0.4586	837	13	57	14
						1.5	0.3105	1237	20	37	21
						2.0	0.2103	1826	30	26	31
650B	660nm	500	500	32	3	surface	1	192	3	12	3
						0.5	0.6772	284	4	44	5
						1.0	0.4586	419	6	59	7
						1.5	0.3105	618	10	18	11
						2.0	0.2103	913	15	13	15
650C	780nm	500	500	32	3	surface	1	192	3	12	3
						0.5	0.6772	284	4	44	5
						1.0	0.4586	419	6	59	7
						1.5	0.3105	618	10	18	11
						2.0	0.2103	913	15	13	15
						2.5	0.1424	1348	22	28	23
						3.0	0.0964	1991	33	11	33
						3.5	0.0653	2940	48	60	49
650D	808nm	700	700	32	3	surface	1	137	2	17	3
						0.5	0.6772	203	3	23	4
						1.0	0.4586	299	4	59	5
						1.5	0.3105	442	7	22	8
						2.0	0.2103	652	10	52	11
						2.5	0.1424	963	16	3	16
						3.0	0.0964	1422	23	42	24
						3.5	0.0653	2100	34	60	35
						4.0	0.0442	3101	51	41	52

Treatment Time Calculation Table - 3D Model by Konftec

Calculated by Konftec's 3D Model (The Monte Carlo method for simulating photon migration in biological tissue.)

Power Density   I I (W/cm²) = P (W)/A (cm²)

     1) Energy loss is postulated to be linear at 7.5% per mm of tissue.

     2) Treatment time is calculated by Monte Carlo Simulation method.

$$\text{Treatment Time (second)} = \frac{\text{Dose (J/cm}^3) \times \text{Laser Beam Spot Size (cm}^2)}{\text{End Power (W)} \times \text{Energy Loss Factor (/cm)}}$$

Class-4 Laser *Qualas4*   **635nm**: 1W

Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time Tc
	(nm)	(W)	(W)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)
Ball Ø30mm	635nm	1	0.82	1.8	3	surface	1	6
						0.5	0.6772	10
						1.0	0.4586	14
						1.5	0.3105	21
						2.0	0.2103	31
Ball Ø50mm	635nm	1	0.82	3.8	3	surface	1	14
						0.5	0.6772	21
						1.0	0.4586	30
						1.5	0.3105	45
						2.0	0.2103	66
Len Ø30mm	635nm	1	0.89	4.9	3	surface	1	17
						0.5	0.6772	24
						1.0	0.4586	36
						1.5	0.3105	53
						2.0	0.2103	79

Treatment Time Calculation Table - 3D Model by Konftec

Class-4 Laser *Qualas4*				808nm/980nm: 3W					
Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time	Tc
	(nm)	(W)	(W)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)	
Ball Ø30mm	808nm 980nm	3	2.46	1.8	3	surface	1	2	
						0.5	0.6772	3	
						1.0	0.4586	5	
						1.5	0.3105	7	
						2.0	0.2103	10	
						2.5	0.1424	15	
						3.0	0.0964	22	
						3.5	0.0653	33	
						4.0	0.0442	49	
						4.5	0.0299	72	
						5.0	0.0203	106	
Ball Ø50mm	808nm 980nm	3	2.46	3.8	3	surface	1	5	
						0.5	0.6772	7	
						1.0	0.4586	10	
						1.5	0.3105	15	
						2.0	0.2103	22	
						2.5	0.1424	33	
						3.0	0.0964	48	
						3.5	0.0653	71	
						4.0	0.0442	105	
						4.5	0.0299	155	
						5.0	0.0203	228	
Len Ø30mm	808nm 980nm	3	2.67	4.9	3	surface	1	6	
						0.5	0.6772	8	
						1.0	0.4586	12	
						1.5	0.3105	18	
						2.0	0.2103	26	
						2.5	0.1424	39	
						3.0	0.0964	57	
						3.5	0.0653	84	
						4.0	0.0442	125	
						4.5	0.0299	184	
						5.0	0.0203	272	

Treatment Time Calculation Table - 3D Model by Konftec

Class-4 Laser *Qualas4*				808nm/980nm: 12W				

Laser	Wavelength	CW Power	End Power	Treatment Area	Target Dose	Depth of Tissue	Energy Loss Factor	Calculation Time Tc
	(nm)	(W)	(W)	(cm²)	(J/cm³)	(cm)	(/cm)	(Sec.)
Ball Ø30mm	808nm 980nm	12	9.84	1.8	3	surface	1	1
						0.5	0.6772	1
						1.0	0.4586	1
						1.5	0.3105	2
						2.0	0.2103	3
						2.5	0.1424	4
						3.0	0.0964	6
						3.5	0.0653	8
						4.0	0.0442	12
						4.5	0.0299	18
						5.0	0.0203	27
Ball Ø50mm	808nm 980nm	12	9.84	3.8	3	surface	1	1
						0.5	0.6772	2
						1.0	0.4586	3
						1.5	0.3105	4
						2.0	0.2103	6
						2.5	0.1424	8
						3.0	0.0964	12
						3.5	0.0653	18
						4.0	0.0442	26
						4.5	0.0299	39
						5.0	0.0203	57
Len Ø30mm	808nm 980nm	12	10.68	4.9	3	surface	1	1
						0.5	0.6772	2
						1.0	0.4586	3
						1.5	0.3105	4
						2.0	0.2103	7
						2.5	0.1424	10
						3.0	0.0964	14
						3.5	0.0653	21
						4.0	0.0442	31
						4.5	0.0299	46
						5.0	0.0203	68