

Реакционные сосуды

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: ezo@nt-rt.ru || сайт: <https://lenz.nt-rt.ru/>

Lenz® Range of Reaction Vessels

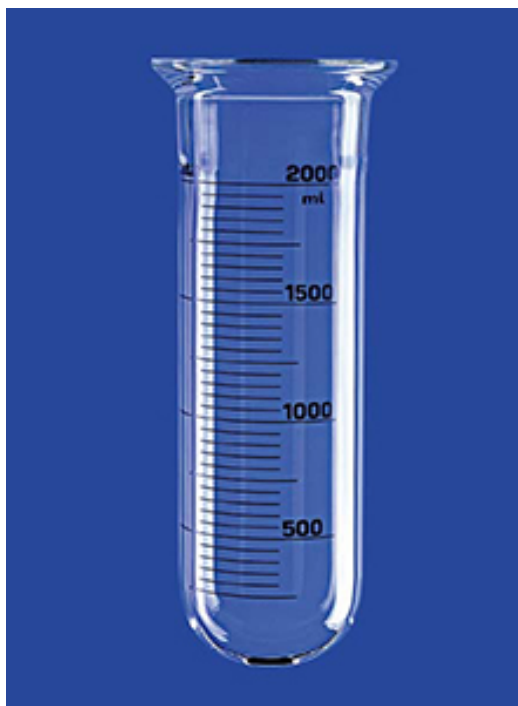
The Lenz® range of reaction vessels includes standard types of reactors without and with thermostatic jacket up to 30 litre capacity and flange size DN 200. The cylindrical vessels are also available with vacuum jacket.

Based on decades of experience and state-of-the-art production facilities we manufacture reaction vessels with highest precision. Beside the standard products shown in this catalogue, we additionally produce special custom made products according to customer's individual demands, with short delivery terms.

Product features of Lenz® reaction vessels

- Various combinations possible
- The vessels are suitable for vacuum purposes
- Available special models:
 - coated
 - amber stained
 - with silver-plated vacuum jacket
- Reaction vessels up to 6 litres, equipped with a 10 mm valve (with twist-off safety device)
- Reaction vessels 10 litres and bigger, equipped with a 20 mm valve (spring loaded)
- In addition to the glass parts we also deliver complete setups including framework, agitator motors, thermostat etc.

All measures are approximate.
Technical specifications are subject to change without notice.



Reaction vessels, cylindrical

With graduation, with laboratory flange (DN), with groove, with round bottom, made of DURAN® tubing, other sizes on request

Nom. size (DN)	Capacity (l)	Vessel dia. Outer (mm)	Vessel dia. Inner (mm)	Height (approx. mm)	Bottom	Pack (qty.)	Cat. No.
60	0,1	65	60	85	round	1	6 0011 37
60	0,25	65	60	150	round	1	6 0011 49
60	0,5	65	60	220	round	1	6 0011 58
60	1	105	100	260	round	1	6 0011 70
100	0,25	105	99	140	round	1	6 0012 49
100	0,5	105	99	160	round	1	6 0012 58
100	1	105	99	205	round	1	6 0012 70
100	2	105	99	340	round	1	6 0012 73
100	3	160	150	310	round	1	6 0012 76
100	4	160	150	360	round	1	6 0012 79
150	2	160	150	210	round	1	6 0014 73
150	3	160	150	260	round	1	6 0014 76
150	4	160	150	335	round	1	6 0014 79
150	5	160	150	360	round	1	6 0014 82
150	6	160	150	390	round	1	6 0014 85
150	10	250	240	420	round	1	6 0014 88
150	20	250	240	640	round	1	6 0014 94
200	6	215	200	310	round	1	6 0015 85
200	10	215	200	450	round	1	6 0015 88
200	20	315	300	465	round	1	6 0015 94

The inner diameter of the inner tube can differ from the inner diameter of the flange.



Reaction vessels, spherical, with withdrawal valve

Without graduation, with laboratory flange (DN), with groove, made of DURAN® tubing, other sizes on request

Nom. size (DN)	Capacity (l)	Outer dia. (mm)	Total height (approx. mm)	Inner height (approx. mm)	Valve (mm)	Pack (qty.)	Cat. No.
60	0,25	85	220	120	10	1	6 0081 49
60	0,5	105	245	145	10	1	6 0081 58
60	1	131	275	175	10	1	6 0081 70
100	2	165	310	210	10	1	6 0082 73
100	4	206	360	260	10	1	6 0082 79
100	6	236	385	285	10	1	6 0082 85
100	10	280	430	330	20	1	6 0082 88
100	20	350	500	400	20	1	6 0082 94
150	6	236	385	228	10	1	6 0084 85
150	10	280	435	335	20	1	6 0084 88
150	20	350	510	410	20	1	6 0084 94
200	6	236	425	325	10	1	6 0085 85
200	10	280	420	305	20	1	6 0085 88
200	20	350	500	385	20	1	6 0085 94



Reaction vessels, cylindrical, with thermostatic and vacuum jacket and withdrawal valve

With graduation, with laboratory flange (DN), with groove, with two connectors (with ball flanges KF 15 / KF 25), made of DURAN® tubing, other sizes on request

Nom. size (DN)	Capacity (l)	Vessel dia. Outer (mm)	Vessel dia. Inner (mm)	Total height (approx. mm)	Inner height (approx. mm)	Connectors	Valve bore (mm)	Pack (qty.)	Cat. No.
60	0,1	120	60	280	115	KF 15	10	1	6 0611 37
60	0,25	120	60	335	170	KF 15	10	1	6 0611 49
60	0,5	120	60	425	255	KF 15	10	1	6 0611 58
100	0,25	160	99	315	140	KF 15	10	1	6 0612 49
100	0,5	160	99	330	155	KF 15	10	1	6 0612 58
100	1	160	99	395	220	KF 15	10	1	6 0612 70
100	2	160	99	490	350	KF 25	10	1	6 0612 73
100	3	250	150	310	285	KF 25	10	1	6 0612 76
100	4	250	150	460	340	KF 25	10	1	6 0612 79
150	2	250	150	415	225	KF 25	10	1	6 0614 73
150	3	250	150	460	280	KF 25	10	1	6 0614 76
150	4	250	150	525	335	KF 25	10	1	6 0614 79
150	5	250	150	570	390	KF 25	10	1	6 0614 82

The inner diameter of the inner tube can differ from the inner diameter of the flange.



Reaction vessels, cylindrical, with thermostatic jacket

With graduation, with laboratory flange (DN), with groove, with flat bottom, with two connectors (with threads GL 14 / GL 18 or ball flanges KF 15 / KF 25), made of DURAN® tubing, other sizes on request, delivery with 2 plastic olives GL14/18 and screw caps

Nom. size (DN)	Capacity (l)	Vessel dia. Outer (mm)	Vessel dia. Inner (mm)	Total height (approx. mm)	Inner height (approx. mm)	Connectors	Pack (qty.)	Cat. No.
60	0,1	90	60	135	115	GL 14	1	6 0101 37
60	0,25	90	60	190	170	GL 14	1	6 0101 49
60	0,5	90	60	275	255	GL 14	1	6 0101 58
60	0,1	90	60	135	115	KF 15	1	6 0111 37
60	0,25	90	60	190	170	KF 15	1	6 0111 49
60	0,5	90	60	275	255	KF 15	1	6 0111 58
100	0,25	130	99	160	140	GL 18	1	6 0102 49
100	0,5	130	99	180	155	GL 18	1	6 0102 58
100	1	130	99	245	220	GL 18	1	6 0102 70
100	2	130	99	375	350	GL 18	1	6 0102 73
100	3	190	150	325	285	GL 18	1	6 0102 76
100	4	190	150	380	340	GL 18	1	6 0102 79
100	0,25	130	99	160	140	KF 15	1	6 0112 49
100	0,5	130	99	180	155	KF 15	1	6 0112 58
100	1	130	99	245	220	KF 15	1	6 0112 70
100	2	130	99	375	350	KF 15	1	6 0112 73
100	3	190	150	325	285	KF 15	1	6 0112 76
100	4	190	150	380	340	KF 15	1	6 0112 79
150	2	190	150	265	225	GL 18	1	6 0104 73
150	3	190	150	320	280	GL 18	1	6 0104 76
150	4	190	150	375	335	GL 18	1	6 0104 79
150	5	190	150	430	390	GL 18	1	6 0104 82
150	6	190	150	485	445	GL 18	1	6 0104 85
150	2	190	150	265	225	KF 15	1	6 0114 73
150	3	190	150	320	280	KF 15	1	6 0114 76
150	4	190	150	375	335	KF 15	1	6 0114 79
150	5	190	150	430	390	KF 15	1	6 0114 82
150	6	190	150	485	445	KF 15	1	6 0114 85

Nom. size (DN)	Capacity (l)	Vessel dia. Outer (mm)	Vessel dia. Inner (mm)	Total height (approx. mm)	Inner height (approx. mm)	Connestors	Pack (qty.)	Cat. No.
150	10	315	240	530	400	KF 15	1	6 0114 88
150	20	315	240	715	670	KF 25	1	6 0114 94
200	6	250	200	420	360	KF 15	1	6 0115 85
200	10	250	200	495	440	KF 15	1	6 0115 88

The inner diameter of the inner tube can differ from the inner diameter of the flange.



Reaction vessels, cylindrical, with thermostatic jacket and withdrawal valve

With graduation, with laboratory flange (DN), with groove, with two connectors (with threads GL 14 / GL 18 or ball flanges KF 15 / KF 25), made of DURAN® tubing, other sizes on request, delivery with 2 plastic olives GL14/18 and screw caps

Nom. size (DN)	Capacity (l)	Vessel dia. Outer (mm)	Vessel dia. Inner (mm)	Total height (approx. mm)	Inner height (approx. mm)	Connectors	Valve bore (mm)	Pack (qty.)	Cat. No.
60	0,1	90	60	245	115	GL 14	10	1	6 0301 37
60	0,25	90	60	300	170	GL 14	10	1	6 0301 49
60	0,5	90	60	385	255	GL 14	10	1	6 0301 58
60	0,1	90	60	245	115	KF 15	10	1	6 0311 37
60	0,25	90	60	300	170	KF 15	10	1	6 0311 49
60	0,5	90	60	385	255	KF 15	10	1	6 0311 58
100	0,25	130	99	275	140	GL 18	10	1	6 0302 49
100	0,5	130	99	295	155	GL 18	10	1	6 0302 58
100	1	130	99	360	220	GL 18	10	1	6 0302 70
100	2	130	99	490	350	GL 18	10	1	6 0302 73
100	3	190	150	440	285	GL 18	10	1	6 0302 76
100	4	190	150	495	340	GL 18	10	1	6 0302 79
100	0,25	130	99	275	140	KF 15	10	1	6 0312 49
100	0,5	130	99	295	155	KF 15	10	1	6 0312 58
100	1	130	99	360	220	KF 15	10	1	6 0312 70
100	2	130	99	490	350	KF 15	10	1	6 0312 73
100	3	190	150	440	285	KF 15	10	1	6 0312 76
100	4	190	150	495	340	KF 15	10	1	6 0312 79
150	2	190	150	375	225	GL 18	10	1	6 0304 73
150	3	190	150	430	280	GL 18	10	1	6 0304 76
150	4	190	150	485	335	GL 18	10	1	6 0304 79
150	5	190	150	540	390	GL 18	10	1	6 0304 82
150	6	190	150	595	445	GL 18	10	1	6 0304 85
150	10	315	240	640	480	GL 18	20	1	6 0304 88
150	2	190	150	375	225	KF 15	10	1	6 0314 73
150	3	190	150	430	280	KF 15	10	1	6 0314 76

Nom. size (DN)	Capacity (l)	Vessel dia. Outer (mm)	Vessel dia. Inner (mm)	Total height (approx. mm)	Inner height (approx. mm)	Connectors	Valve bore (mm)	Pack (qty.)	Cat. No.
150	4	190	150	485	335	KF 15	10	1	6 0314 79
150	5	190	150	540	390	KF 15	10	1	6 0314 82
150	6	190	150	595	445	KF 15	10	1	6 0314 85
150	10	315	240	640	480	KF 15	20	1	6 0314 88
150	20	315	240	825	670	KF 25	20	1	6 0314 94
200	6	250	200	535	360	KF 15	10	1	6 0315 85
200	10	250	200	665	440	KF 15	20	1	6 0315 88
200	20	350	310	710	490	KF 25	20	1	6 0315 94

The inner diameter of the inner tube can differ from the inner diameter of the flange.

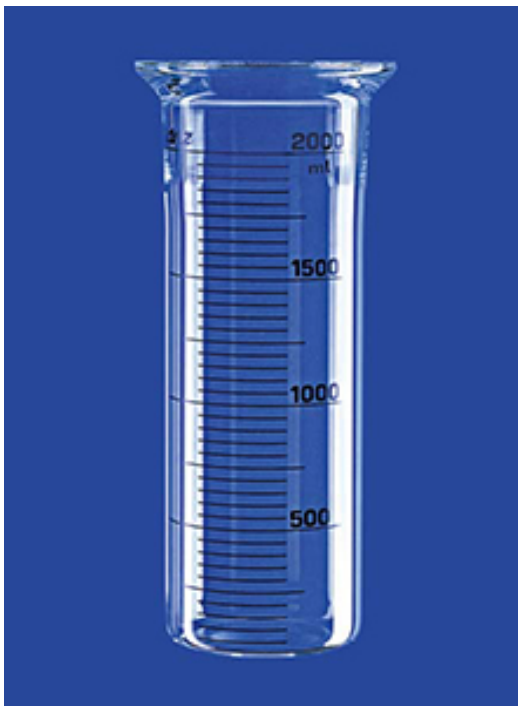


Reaction vessels, cylindrical, with withdrawal valve

With graduation, with laboratory flange (DN), with groove, with round bottom, made of DURAN® tubing, other sizes on request

Nom. size (DN)	Capacity (l)	Vessel dia. Outer (mm)	Vessel dia. Inner (mm)	Total height (approx. mm)	Inner height (approx. mm)	Valve (mm)	Pack (qty.)	Cat. No.
60	0,05	65	60	120	–	10	1	6 0071 28
60	0,1	65	60	185	80	10	1	6 0071 37
60	0,25	65	60	250	145	10	1	6 0071 49
60	0,5	65	60	320	215	10	1	6 0071 58
100	0,5	105	99	260	150	10	1	6 0072 58
100	1	105	99	305	195	10	1	6 0072 70
100	2	105	99	440	330	10	1	6 0072 73
100	3	160	150	410	300	10	1	6 0072 76
100	4	160	150	460	350	10	1	6 0072 79
150	2	160	150	210	190	10	1	6 0074 73
150	3	160	150	360	240	10	1	6 0074 76
150	4	160	150	435	315	10	1	6 0074 79
150	5	160	150	460	340	10	1	6 0074 82
150	6	160	150	490	380	20	1	6 0074 85
150	10	250	240	520	410	20	1	6 0074 88
150	20	250	240	740	630	10	1	6 0074 94
200	6	215	200	410	300	10	1	6 0075 85
200	10	215	200	555	440	20	1	6 0075 88
200	20	315	300	565	455	20	1	6 0075 94

The inner diameter of the inner tube can differ from the inner diameter of the flange.



Reaction vessels, cylindrical

With graduation, with laboratory flange (DN), with groove, with flat bottom, made of DURAN® tubing, other sizes on request

Nom. size (DN)	Capacity (l)	Vessel dia. Outer (mm)	Vessel dia. Inner (mm)	Height (approx. mm)	Bottom	Pack (qty.)	Cat. No.
60	0,1	65	60	75	flat	1	6 0001 37
60	0,25	65	60	130	flat	1	6 0001 49
60	0,5	65	60	230	flat	1	6 0001 58
100	0,25	105	99	130	flat	1	6 0002 49
100	0,5	105	99	150	flat	1	6 0002 58
100	1	105	99	200	flat	1	6 0002 70
100	2	105	99	330	flat	1	6 0002 73
100	3	160	150	300	flat	1	6 0002 76
100	4	160	150	350	flat	1	6 0002 79
150	2	160	150	200	flat	1	6 0004 73
150	3	160	150	250	flat	1	6 0004 76
150	4	160	150	325	flat	1	6 0004 79
150	5	160	150	350	flat	1	6 0004 82
150	6	160	150	380	flat	1	6 0004 85
150	10	250	240	410	flat	1	6 0004 88
150	20	250	240	630	flat	1	6 0004 94
200	10	215	200	430	flat	1	6 0005 88
200	20	315	300	440	flat	1	6 0005 94

The inner diameter of the inner tube can differ from the inner diameter of the flange.



Reaction vessels, spherical

Without graduation, with laboratory flange (DN), with groove, made of DURAN® tubing, other sizes on request

Nom. size (DN)	Capacity (l)	Outer dia. (mm)	Height< (approx. mm)	Pack (qty.)	Cat. No.
60	0,25	85	120	1	6 0051 49
60	0,5	105	145	1	6 0051 58
60	1	131	175	1	6 0051 70
100	1	131	185	1	6 0052 70
100	2	165	210	1	6 0052 73
100	4	206	260	1	6 0052 79
100	6	236	285	1	6 0052 85
100	10	280	330	1	6 0052 88
100	20	350	400	1	6 0052 94
150	6	236	285	1	6 0054 85
150	10	280	335	1	6 0054 88
150	20	350	410	1	6 0054 94
200	6	236	325	1	6 0055 85
200	10	280	305	1	6 0055 88
200	20	350	385	1	6 0055 94



Reaction vessels, spherical, with thermostatic jacket

Without graduation, with laboratory flange (DN), with groove, with two connectors (with threads GL 14 / GL 18 or ball flanges KF 15), made of DURAN® tubing, other sizes on request, delivery with 2 plastic olives GL14/18 and screw caps

Nom. size (DN)	Capacity (l)	Vessel dia. Outer (mm)	Vessel dia. Inner (mm)	Total height (approx. mm)	Connectors	Pack (qty.)	Cat. No.
60	0,25	105	85	155	GL 14	1	6 0201 49
60	0,5	131	105	180	GL 14	1	6 0201 58
60	1	165	131	215	GL 14	1	6 0201 70
60	0,25	105	85	155	KF 15	1	6 0211 49
60	0,5	131	105	180	KF 15	1	6 0211 58
60	1	165	131	215	KF 15	1	6 0211 70
100	2	206	165	260	GL 18	1	6 0202 73
100	4	236	206	295	GL 18	1	6 0202 79
100	6	280	236	340	GL 18	1	6 0202 85
100	2	206	165	260	KF 15	1	6 0212 73
100	4	236	206	295	KF 15	1	6 0212 79
100	6	280	236	340	KF 15	1	6 0212 85
150	6	280	236	355	GL 18	1	6 0204 85
150	10	350	275	420	KF 15	1	6 0214 88
200	6	280	236	340	KF 15	1	6 0215 85
200	10	350	275	420	KF 15	1	6 0215 88



Reaction vessels, spherical, with thermostatic jacket and withdrawal valve

Without graduation, with laboratory flange (DN), with groove, with two connectors (with threads GL 14 / GL 18 or ball flanges KF 15), made of DURAN® tubing, other sizes on request, delivery with 2 plastic olives GL14/18 and screw caps

Nom. size (DN)	Capacity (l)	Vessel dia. Outer (mm)	Vessel dia. Inner (mm)	Total height (approx. mm)	Connectors	Valve bore (mm)	Pack (qty.)	Cat. No.
60	0,25	105	85	255	GL 14	10	1	6 0401 49
60	0,5	131	105	280	GL 14	10	1	6 0401 58
60	1	165	131	315	GL 14	10	1	6 0401 70
60	0,25	105	85	255	KF 15	10	1	6 0411 49
60	0,5	131	105	280	KF 15	10	1	6 0411 58
60	1	165	131	315	KF 15	10	1	6 0411 70
100	2	206	165	360	GL 18	10	1	6 0402 73
100	4	236	206	395	GL 18	10	1	6 0402 79
100	6	280	236	440	GL 18	10	1	6 0402 85
100	2	206	165	360	KF 15	10	1	6 0412 73
100	4	236	206	395	KF 15	10	1	6 0412 79
100	6	280	236	440	KF 15	10	1	6 0412 85
150	6	280	236	455	GL 18	10	1	6 0404 85
150	6	280	236	455	KF 15	10	1	6 0414 85
150	10	350	275	525	KF 15	20	1	6 0414 88
200	6	280	236	440	KF 15	10	1	6 0415 85
200	10	350	275	525	KF 15	20	1	6 0415 88

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: ezo@nt-rt.ru || сайт: <https://lenz.nt-rt.ru/>