THE DROPS SYSTEM

for water testing

LR 2022 1

date : 01/01/2022

EURO PRICE LIST - INTRODUCTION

replaces LR2017 sheet I of 7 01/01/2017

INDEX: page

IPT TEST KITS 2

"tit" means TITRATION, "col" means colourimetric test

COLOURIMETRIC TEST KITS - REFILLS 3

TITRATION KITS AND MISCELLANEOUS - REFILLS 3

Content of each titration kit: Titrant (see refill titrants) and Indicator (see refill indicators).

SPARE PARTS (20 ml and 10 ml test tubes) 3

TITRATION AND PH KITS - REFILLS INDICATORS 4

TITRATION KITS - REFILL TITRANTS 4

LOW PRICE TEST KITS 4

REAGENT PACKS 5

in rigid blue bag containing the reagents for different tests (see encl.lists)

TRAVELLING BAGS 5

24 Hour-like strong ABS bag, with brackets for the reagent bottles. Standard type as listed.

Same type empty, only together with reagents for different tests chosen by the customer

OTHER REAGENTS

soap solution and reagents for demonstration of hardness precipitation

COLOUR SCALES (only together with the corresponding test reagents) 6

TITRANT/INDICATOR FOR CONTINUOS TESTERS 6

SPECIFICATIONS AND PHOTOS 12-61

FOR THE FOLLOWING TESTS WE RECOMMEND:

HYDROCHECK **aluminiun,** HYDROCHECK **cyanide**

HYDROCHECK **total phosphorous (incl. phosphonates and polyphosphates)**

HYDROCHECK **nickel,** HYDROCHECK **phenol,** HYDROCHECK **DEHA**

HYDROCHECK **oxygen,** HYDROCHECK **sulfide**

REVISION N. 36

REPLACES THE FORMER REVISIONS

Ordering information

by phone: 02-33220459 - from 9 a.m. to 6 p.m. (friday 9 - 12.30 a.m.)

by fax: 02-33220432 - 24 hours

please use the code of the ordered products to avoid mistakes

Please call by phone or fax to agree upon visits in our office or orders that you want to pick up personally (Reasol - V.Giampietrino 1 - 20158 MILANO)

Visit our web-site www.reasol.it, where you can download our price-lists (in .pdf) and put your questions about our reagents and problems connected to water testing.

After registration you can also download MSDS, technical sheets and istruction of our kits.

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code	IPT - plastic box product	price Euro	SPECIFICATIONS AND PHOTOS Page
1001	m-acidity tit.	1 f degree	€ 14,78	12
1002	p/m-alkalinity tit.	1 f degree	€ 21,52	13
1003	boiler-alkalinity (p and m)	1 epm	€ 21,52	14
1004	M-alkalinity tit.	1 f degree	€ 14,78	15
1005	p-alkalinity tit.	1 epm	€ 17,16	16
1026	total alkalinity tit.	1 epm	€ 15,72	17
1006	ammonia (Nessler) col.	0,25-4 ppm	€ 23,10	18
1007	carbonic acid tit.	0,5 f degree	€ 16,52	19
1041	cyanuric acid turb.	20-100 ppm	€ 21,46	20
1034	bromine col.	0,2-3 ppm	€ 19,80	21
1009	calcium tit.	1 f degree	€ 23,12	22
1010	chlorine total col.	0,1-2 ppm	€ 14,64	23
1011	chlorine DPD col.	0,1-1,5 ppm	€ 19,80	24
1047	chlorine dioxide	0,2-3 ppm	€ 19,80	25
1012	chloride by titration	1 f degree	€ 23,10	26
1012.1	chloride by titration	5 f degrees	€ 23,10	27
1031	chloride colourimetric	0-40 ppm	€ 23,10	28
1013	chromate col.	0,05-1 ppm	€ 23,10	29
1043	copper	0,1-4 ppm	€ 30,64	30
1014	deionisation col (pH)		€ 28,24	31
1015	hardness tit.	1 f degree	€ 15,32	32
1027	boiler hardness tit.	1 f degree	€ 18,04	33
1032	residual hardness col	0,025-0,3 °f	€ 15,74	34
	(0,25 - 3 ppm CaCO3)			
1018	hydrazine col.	0,1-1,5 ppm	€ 23,10	35
1049	hydroxide peroxid	1-40 ppm	€ 19,80	36
1016	iron col.	0,05-15 ppm	€ 31,40	37
1039	manganese col.	0,1-1,5 ppm	€ 46,50	38
1035	molybdenum tit.	10 ppm	€ 39,26	39
1028	nitrate col.	10-140 ppm	€ 37,64	40
1019	nitrite col.	0,05-1,5 ppm	€ 21,98	41
1020	pH 0-5 col.		€ 15,72	42
1021	pH 6.8-8.4 col.		€ 14,08	43
1022	pH 1-11 col.		€ 13,56	44
1017	phosphate col. Low	1-20 ppm	€ 23,10	45
1030	phosphate col. High	5-100 ppm	€ 23,10	46
1008	strong anions tit.	1 f degree	€ 34,52	47
1023	swimming pool (pH and Cl DPD)		€ 27,60	48
1023.1	swimming pool (pH and free Cl)		€ 21,94	49
1029	hardness precipitation		€ 24,00	50
1024	silica col.	0,25-4 ppm	€ 25,12	51
1045	sulfate turb.	50-400 ppm	€ 30,68	52
1025	sulfite tit.	2 ppm	€ 24,36	53
1025,1	sulfite tit.	10 ppm	€ 24,36	54

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replaces LR2017 sheet III of 7 01/01/2017

SPARE BOTTLES COLOURIMETRIC REAGENTS (6 bottle packages)

code	product	
3201	ammonia A	€ 58,20
3202	ammonia B	€ 50,76
3204	chlorine total	€ 51,80
3239	chlorine DPD A	€ 28,38
3240	chlorine DPD B	€ 34,38
3241	chlorine DPD C	€ 26,90
3266	chlorine dioxide A	€ 28,94
3267	chlorine dioxide B	€ 28,38
3268	chlorine dioxide C	€ 34,38
3255	chloride col.A	€ 42,10
3256	chloride col.B	€ 42,10
3209	chromate A	€ 58,20
3210	chromate B	€ 50,76
3292	copper A	€ 40,28
3294	copper B	€ 44,76
3266	cyanuric acid	€ 86,58
3212	residual hardness	€ 50,76
3211	iron	€ 119,46
3213	phosphate Low A	€ 42,68
3214	phosphate Low B	€ 47,50
3257	phosphate High A	€ 53,76
3258	phosphate High B	€ 53,76
3215	hydrazine	€ 50,78
3276	manganese col.A	€ 47,80
3278	manganese col.B	€ 74,28
3279	manganese col.C	€ 47,80
3244	nitrate	€ 141,80
3216	nitrite	€ 86,58
3218	silica A	€ 42,86
3219	silica B	€ 32,42
3220	silica C	€ 42,68
3288	sulphate A	€ 27,66
3290	sulphate B	€ 44,76

SPARE BOTTLES REAGENTS FOR TITRATION (6 bottle packages)

code	**product**	
3203	calcium A (to use together with 3001)	€ 33,00
3207	chloride tit.A	€ 33,00
3208	chloride tit.B	€ 33,00
3247	hardness A (for boiler waterhardness)	€ 21,98
3263	molybdenum tit. A	€ 58,00
3265	molybdenum tit. B	€ 64,30
3221	sulfite A	€ 33,00
3222	sulfite B	€ 33,00

MISCELLANEOUS

code	**product**	
3310	10 20 ml test tubes	€ 18,58
3312	12 10 ml test tubes	€ 18,58

EURO PRICE LIST - INTRODUCTION

replaces LR2017 sheet IV of 7 01/01/2017

SPARE BOTTLES INDICATORS (6 bottle packages)

code	product	price Euro
3001	calcium (powder, to use together with 3203)	€ 33,00
3002	hardness 15 ml	€ 33,00
3003	m 15 ml	€ 33,00
3004	p 15 ml	€ 33,00
3005	pH 0-5 25 ml (for 1020)	€ 59,58
3006	pH 6,8-8,4 25 ml (for 1021)	€ 46,22
3008	pH 6,8-8,4 15 ml	€ 29,80
	(for 1023 and 5010)	
3007	pH 1-11 25 ml (for 1022)	€ 52,80

SPARE BOTTLES TITRANTS (6 250 ml bottle packages)

code	product	
3102	**alcalinity 1 °f**	€ 107,06
3104	alcalinity 1 epm	€ 107,06
3106	acidity 1°f	€ 107,06
3108	calcium 1°f	€ 107,06
3110	chloride 1°f	€ 107,06
3110.1	chloride 5°f	€ 107,06
3112	hardness 1°f	€ 107,06
3124	molybdenum 10 ppm	€ 107,06
3114	sulfite 2 ppm	€ 107,06
3114,1	sulfite 10 ppm	€ 107,06

SPARE BOTTLES TITRANTS (6 25 ml bottle packages)

code	product	
3101	alcalinity 1 °f	€ 28,78
3103	alcalinity 1 epm	€ 28,78
3105	acidity 1°f	€ 28,78
3107	calcium 1°f	€ 28,78
3109	chloride 1°f	€ 28,78
3109.1	chloride 5°f	€ 28,78
3111	hardness 1°f	€ 28,78
3123	molybdenum 10 ppm	€ 28,78
3113	sulfite 2 ppm	€ 28,78
3113,1	sulfite 10 ppm	€ 28,78

LOW COST KITS (blister)

SPECIFICATIONS AND PHOTOS

code	product		Page
5001	hardness 2 bottles indicator-titrant 1°f	€ 9,36	55
5004	hardness 2 bottles indicator-titrant 1°d	€ 9,36	56
5006	hardness 1 bottle indicator-titrant 1°f	€ 6,22	57
5007	hardness 2 bottles indicator-titrant 1°d	€ 6,22	58
5010	swim.pool (total chlorine and pH)	€ 9,22	59
5011	residual hardness titration	€ 9,64	60
5030	pH 5-9,5 col.	€ 6,94	61

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"24 hours" BAG. About 45x34x15

code	product	price Euro			
2005	minilab ANCC (see encl.)	€ 896,00			
2007	minilab (see contents table)	€ 886,00			
2007,1	minilab modif.1 (see contents table)	€ 886,00			
2007,2	empty minilab (only together with reagents for at least 180 Euro)	€ 430,00			

MULTIKITS in hard plastic blue bag

code	product				
2001	water analysis	€ 145,16		at least 5	
2002	boiler water (basic)	€ 243,02		at least 5	
2004	boiler water (simplified)	€ 131,64		at least 5	
2004,1	boiler water (simplified - modif.1)	€ 145,16		at least 5	
2006	swimming pools	€ 118,20		at least 5	
2011,1	modification 1 (see contents table)	€ 140,48		at least 5	
2011,2	modification 2 (see contents table)	€ 176,06		at least 5	
2011,3	modification 3 (see contents table)	€ 160,76		at least 5	
2011,4	modification 4 (see contents table)	€ 192,92		at least 5	
2011,5	modification 5 (see contents table)	€ 99,34		at least 5	
2011,6	modification 6 (see contents table)	€ 130,14		at least 5	
2011,7	modification 7 (see contents table)	€ 140,58		at least 5	
2011,8	modification 8 (see contents table)	€ 295,48		at least 5	
2011,9	modification 9 (see contents table)	€ 111,04		at least 5	
2011,11	modification 11 (see contents table)	€ 179,14		at least 5	
2011,12	modification 12 (see contents table)	€ 120,96		at least 5	
2011,13	modification 13 (see contents table)	€ 120,96		at least 5	
2011,14	modification 14 (see contents table)	€ 128,62		at least 5	
2011,15	modification 15 (see contents table)	€ 235,74		at least 5	
2011,16	modification 16 (see contents table)	€ 146,20		at least 5	
2011	Empty hard plastic blue bag with test tubes, user instruction and plastic foam bed for reagent bottles (only together with reagents for at least 52 Euro each)	€ 24,00			

Encl.3 sheets with content tables for the multikits and bags

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COLOUR COMPARISON SCALES

(ONLY TOGETHER WITH THE CORRESPONDENT SPARE REAGENTS)

code	product	price Euro
3403	ammonia	€ 5,40
3404	total chlorine	€ 5,40
3405	chlorine DPD	€ 5,40
3406	chromate	€ 5,40
3407	iron 0.25 - 15 ppm	€ 5,40
3407,1	iron 0,05-0,2 ppm	€ 5,40
3408	phosphate 1 - 20 ppm	€ 5,40
3408,1	phosphate 5 - 100 ppm	€ 5,40
3409	hydrazine	€ 5,40
3410	nitrite	€ 5,40
3411	silica	€ 5,40
3412	nitrate	€ 5,40
3413	pH 0 - 5	€ 5,40
3415	pH 6,8 - 8,4	€ 5,40
3416.1	pH 1 - 11 range from 1 to 6,5	€ 5,40
3416.2	pH 1 - 11 range from 7 to 11	€ 5,40
3418	residual hardness	€ 5,40
3420	manganese	€ 5,40
3422	swimming pools	€ 5,40

INDICATOR-TITRANT FOR CONTINUOUS HARDNESS MONITORS

Only in 250 and 1.000 ml bottles

(Refills for the original bottles of the different types of monitor)

MINIMUM ORDER 150 EURO EACH TYPE

code	product	price Euro
3009,3	250 ml hardness indicator TM 2° f	€ 35,74
3009,6	250 ml hardness indicator TM 1° f	€ 35,74
3009,7	1000 ml hardness indicator TM 1° f	€ 130,40
3009,8	1000 ml hardness indicator TM 2° f	€ 130,40
3250	hardness precip.A 6 bottles 25 ml	€ 59,84
3251	hardness precip.B 6 bottles 25 ml	€ 44,00
3252	hardness precip. 1x250 A + 1x250 B	€ 133,70
3253	hardness precip. 2x250 A	€ 151,30
3254	hardness precip. 2x250 B	€ 116,10
3260	soap solution 6 bottles 25 ml	€ 22,60
3261	soap solution 6 bottles 250 ml	€ 82,98

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SALES TERMS

DELIVERY: ex works, in about 1-2 weeks after order

MINIMUM ORDER: 260 Euro

MIN. QUANTITY: Possibly at least 10 IPT each type, however not less than 5 each type (smaller quantities will be automatically increased to 5 each)

PAYMENT: in advance by wire transfer

PRODUCT CODES: PLEASE USE OUR PRODUCT CODES, TO AVOID MISTAKES

PRICES: May be changed in any moment, due to changes in the costs for raw material, energy and manpower

PRIVATE BRAND: * ANY QUANTITY of ANY PRODUCT can be delivered neutral (WITHOUT LABEL)

* At least 100 units of any LABELLED kit can be delivered with private label (only computer text - NO LOGOS OR DRAWINGS) This does not apply to bottles.

* Private brands can be printed on the cardboard of blisters. With the first order the customer must order the cliché at 120 Euro and at least 1.000 printed cardboards at 0,15 Euro each, which have to be payed in advance. After that, we use these cardboards for each quantity of ordered blisters (minimum 100 each order), reducing the price by 0,15 Euro.

*** Please point out in each order if you want to get the products WITHOUT LABEL or with PRIVATE BRAND. Otherwise we will deliver our standard products with our standard labels.**

FOR YOUR ORDERS:

PHONE: **02-33220459**

FAX: **02-33220432**

e-mail: **vendite@reasol.it**

OUR DATA: **REASOL SRL - Via Giampietrino 1 - 20158 MILANO**

IDENTIFICATION NUMBER 03817210150

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APPENDIX

Date : 01/01/2022

TRAVELLING BAG

Dimensions : 45 x 34 x 15





2005 minilab ANCC | 2007 minilab | 2007.1 minilab mod.1 | 2007.2 empty minilab

REAGENT PACK

Dimensions : 31 x 15 x 12



2011 Empty box with interior for reagents and accessories

For the different kit types, complete with reagents and accessories see the following tables

THE DIFFERENT KIT TYPES AND THE RELATED TESTS

Test		2007	2007,1	2001	2002	2004	2004,1	2006
m acidity	1°fr.	x	x					
m alcalinity	1°fr.	x	x	x				x
p alcalinity	1°fr.	x	x	x				
p alcalinity	1 epm	x	x				x	
m alcalinity	1 epm	x	x		x	x	x	
ammonia			x					
carbonic acid		x	x					
strong anions		x						
calcium								
total chlorine		x		x				
chlorine DPD			x					x
chloride titration		x	x	x				x
chromate								
hardness		x		x	x			x
boiler w.hardness						x	x	
residual hardness								
iron		x	x					
phosphate	1 - 20 ppm	x			x	x		
phosphate	5 - 100 ppm							
hydrazine		x			x	x	x	
nitrite		x	x					
nitrate			x					
pH 0 - 5		x						
pH 6,5 - 8,5		x						x
pH 1 - 11		x		x	x	x	x	
hardness precipit.								
silica		x						
sulfite		x			*)			

Test		2011,1	2011,2	2011,3	2011,4	2011,5	2011,6	2011.7
m acidity	1°fr.		x					
m alcalinity	1°fr.	x	x	x	x			
p alcalinity	1°fr.		x		x			
p alcalinity	1 epm				x		x	x
m alcalinity	1 epm				x		x	x
ammonia				x				
total chlorine				x		x		
chlorine DPD		x	x					
chloride titration		x	x		x			x
chromate								
hardness		x	x	x	x	x	x	x
boiler w.hardness								x
residual hardness								
iron		x		x	x	x		
phosphate	1 - 20 ppm				x			
phosphate	5 - 100 ppm							
nitrite				x				
nitrate								
pH 0 - 5								
pH 6,5 - 8,5		x	x					
pH 1 - 11				x	x	x	x	x
hardness precipit.								
silica								x
sulfite			**)		x		***)	

THE DIFFERENT KIT TYPES AND THE RELATED TESTS

Test		2011,8	2011,9	2011,11	2011,12	2011,13	2011,14	2011,15	2011,16
m acidity	1°fr.								
m alcalinity	1°fr.		x	x		x	x		x
p alcalinity	1°fr.			x		x			x
p alcalinity	1 epm	x		x		x			x
m alcalinity	1 epm	x	x	x		x			x
ammonia								x	
carbonic acid									
strong anions								x	
calcium									
total chlorine									
chlorine DPD					doppio				
chloride titration		x	x	x		x	x	x	x
chromate									
hardness		x	x	x	doppio	x	x		x
boiler w.hardness									
residual hardness									
iron		x		x	x		x		
phosphate	1 - 20 ppm	x						x	
phosphate	5 - 100 ppm								
hydrazine		x							
nitrite								x	
nitrate								x	
pH 0 - 5									
pH 6,5 - 8,5									
pH 1 - 11		x	x	x		x	x	x	x
hardness precipit.									
silica		x		x					
sulfite		x		x				****)	x

NOTE :

*) moreover you can filtrate the sample, measure the TDS (Total Dissolved Solids) by density

**) moreover you can measure the temperature

***) Contains also one 250 ml bottle alcalinity titrant and one 250 ml bottle hardness titrant

****) moreover you can filtrate the sample
Contains also one 100 ml empty wide neck bottle.

One can put together his own test kit by using
- the empty hard bag 2007,2, or
- the empty fishing type box 2011

and buying separately the needed replacement reagents

Together whith each empty kit the minimum order of reagents is :

- 52 EURO for 2011
- 180 EURO for 2007.2

	MINILAB ANCC							01/01/22	
								code	
NAME		MINILAB ANCC						2005	
LOOK		smart "24 hour" hard bag, 45x34x15							
		with brackets for 10 15 ml bottles and 17 25 ml bottles							
NOTES		For all the tests suggested by the italian boiler water authority,							
		with a special copy book for the daily and weekly tests							
TESTS		TOTAL ALCALINITY							
		STRONG ALCALINITY							
		CHLORIDE							
		HARDNESS							
		IRON							
		PHOSPHATE							
		PH							
		SILICA							
		TDS							
		TEMPERATURE							
		SAMPLE FILTRATION							
CONTAINING		1 journal for the registration of all the tests for 1 year							
		with instructions and basic information for the conditioning							
		of the water-vapour circuit						3401	
		1 50 ml beker							
		1 plastic funnel							
		1 box filter paper							
		1 thermometer						3309	
		1 100 ml measuring cylinder						3304	
		1 cylinder for hydrometer						3303	
		1 hydrometer						3305	
		1 15 ml bottle m indicator						3003	
		1 15 ml bottle p indicator						3004	
		2 25 ml bottles alcalinity titrant 1 epm						3103/3104	
		1 25 ml bottle alcalinity titrant 1 french degree						3101/3102	
		2 15 ml bottles hardness indicator						3002	
		1 25 ml bottle hardness titrant 1 french degree						3111/3112	
		2 15 ml bottles hardness reagent A						3247	
		2 25 ml bottles pH indicator						3007	
		1 15 ml bottle chloride tit.A						3207	
		1 15 ml bottle chloride tit.B						3208	
		1 25 ml bottle chloride titrant 1 french degree						3109/3110	
		2 25 ml bottles iron reagent						3211	
		2 25 ml bottles phosphate 1-20 ppm A						3213	
		2 25 ml bottles phosphate 1-20 ppm B						3214	
		2 15 ml bottle silica A						3218	
		2 15 ml bottle silica B						3219	
		2 15 ml bottle silica C						3220	
		10 test tubes with 5 and 10 ml mark						3310	
		4 colour comparison scales							