

KKC Dr. Klink GmbH

Entwicklung Wasseranalytik · Beratung Wasserchemie · Wasseruntersuchung · Wasserreagenzien

*competence
is our strength*

KKC Dr. Klink GmbH
Entwicklung Wasseranalytik · Beratung
Wasserchemie · Wasseruntersuchung ·
Wasserreagenzien

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KKC Dr. Klink GmbH



Manufacturing Programme WV 001-2012



Who we are ?

The KKC Dr. Klink GmbH was founded in 1995 to solve technical problems in the field of wateranalysis and watertreatment by means of practical and price competitive solutions.

Which are our tools ?

- a large range of practice proven water testsets for nearly all analytical survey.
- specific testkits for watertreatment plants.
- a modern equipped laboratory to create specific research.
- over 15 years experience in the field of water chemistry, water analysis and the developement of water testsets.

What can you expect ?

- Ä a large delivery programm of water test reagents.
- Ä intensive and competent help in solving your problems in water chemistry - your idea - our solution from the research laboratory.
- Ä development of tailor-made test kits for your purposes.
- Ä Development of special dispensings for water treatment.



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Testsets for the control of residual hardness

Control of residual hardness by addition of one drop of indicator

Article	Limit value	Number of measurements	Measuring time	Description	Order No.	
					Pack	Refill-Pack
Caldur® RG 5	1 drop = 5 ppm CaCO ₃	250	1 min.	complexometric titration 1 reagent	10217	10218
Caldur® RG 5 FS	1 drop = 5 ppm CaCO ₃	250	1 min.	complexometric titration 1 reagent	10219	
Caldur® RG 10	1 drop = 10 ppm CaCO ₃	250	1 min.	complexometric titration 1 reagent	10237	10238
Caldur® RG 10 FS	1 drop = 10 ppm CaCO ₃	250	1 min.	complexometric titration 1 reagent	10239	
Caldur® RG 25	1 drop = 25 ppm CaCO ₃	250	1 min.	complexometric titration 1 reagent	10247	10248
Caldur® RG 25 FS	1 drop = 25 ppm CaCO ₃	250.	1 min.	complexometric titration 1 reagent	10249	
Caldur® RG 50	1 drop = 50 ppm CaCO ₃	250	1 min.	complexometric titration 1 reagent	10267	10268
Caldur® RG 50FS	1 drop = 50 ppm CaCO ₃	250	1 min.	complexometric titration 1 reagent	10269	
Caldur® RG 100	1 drop = 100 ppm CaCO ₃	250	1 min.	complexometric titration 1 reagent	10287	10288
Caldur® RG 100 FS	1 drop = 100 ppm CaCO ₃	250	1 min.	complexometric titration 1 reagent	10289	





Test sets for determination of water hardness

The number of drops added until colour change corresponds to total hardness.

Article	Concentration range	Number of measurements	Measuring time	Description	Order-No.	
					Pack	Refill-Pack
Caldur® GH	1 drop = 10(5)ppm CaCO ₃	100	1 min.	complexometric titration 1 reagent	10320	10321
Caldur® GH 100	1 drop = 20(10) ppm CaCO ₃	100	1 min.	complexometric titration 1 reagent	10310	10311
Caldur® GH 100 FS	1 drop = 20(10) ppm CaCO ₃	100	1 min.	complexometric titration 1 reagent cart-board box	10312	
Caldur® GHT 100	1 drop = 20(5) ppm CaCO ₃	100	1 min.	complexometric titration 1 indicator, 1 titration solution	10315	10316
Caldur® GHT 100				indicator		10317
Caldur® GHT 100				titration solution		10316
Caldur® GR	1 drop = 100(50) ppm CaCO ₃	100	1 min.	complexometric titration 1 reagent	10330	10331





Test sets for determination of carbonate hardness

The number of drops added until colour change corresponds to carbonate hardness.

Article	Concentration range	Number of measurements	Measuring time	Description	Order-No.	
					Pack	Refill-Pack
Caldur® CH	1 drop = 20(10) ppm CaCO ₃	100	1 min.	A - B titration 1 reagent	10420	10421
Caldur® CH FS	1 drop = 20(10) ppm CaCO ₃	100	1 min.	A - B titration 1 reagent cart-bord box	10423	
Caldur® CH 05	1 drop = 10(5) ppm CaCO ₃	100	1 min.	A - B titration 1 indicator, 1 titration solution	10430	10431

Test sticks

Simply stick into sample solution - match colour by comparison with colour card.

Article	Concentration range	Number of measurements	Measuring time	Description	Order-No.	
					Pack	Refill-Pack
Total hardness	3 - 25 °d	100	1 min.	---	500243	
Nitrate	10 -500 mg/L NO ₃ ⁻	100	1 min.	---	500220	
pH	pH 0 - 14	100	1 min.	---	500240	
ph special stick	pH 4 - 7	100	1 min.	---	500241	
ph special stick	pH 7 - 14	100	1 min.	---	500242	





Titrimetric test sets

The number of drops added until colour change corresponds to analysis value.

Article	Concentration range	Number of measurements	Measuring time	Description	Order-No.	
					Pack	Refill-Pack
Caldur® Chloride	1 drop. = 5 (25) mg/L Cl ⁻	100	3 min.	mercurimetric titration 3 reagents	10530	10531
Caldur® Chloride				reagent A + B		10532
Caldur® Chloride	1 drop. = 5 (25) mg/L Cl ⁻			titration solution		10533
Caldur® Carbonic acid LR	1 drop. = 1 mg/L CO ₂	100	1 min.	A - B titration 3 reagents	10550	10551
Caldur® Carbonic acid HR	1 drop = 10 (5) mg/L CO ₂	100	1 min.	A - B titration 3 reagents	10560	10561
Caldur® Sulfate LR	1 drop = 10 (5) mg/L SO ₄ ²⁻	30	2 min.	titration	10570	10571
Caldur® Sulfate HR	1 drop = 20 (10) mg/L SO ₄ ²⁻	30	2 min.	titration	10580	10581
Caldur® Sulfate				indicator		10572
Caldur® Sulfate				ion exchanger		10573
Caldur® Sulfate				activation solution		10575
Caldur® Sulfate LR	1 drop = 10 (5) mg/L SO ₄ ²⁻			titration solution		10574
Caldur® Sulfate HR	1 drop = 20 (10) mg/L SO ₄ ²⁻			titration solution		10584
Caldur® Sulfite T	1 drop = 5 (2,5) mg/L SO ₃ ²⁻	100	1 min.	jodometric titration 3 reagents	10585	10586
Caldur® Sulfite T				reagent A + B		10587
Caldur® Sulfite T	1 drop = 5 (2,5) mg/L SO ₃ ²⁻			titration solution		10588
Caldur® PM-Value	1 drop = 0,5(0,25) mmol/L	100	1 min.	A - B titration 3 reagents	10590	10591
Caldur® Polyamine	1 drop = 5 mL	50	2 min.	2-phases-titration 4 reagents	10710	
Caldur® Polyamine ¹⁾				reagent A		10712
Caldur® Polyamine				reagent B		10713
Caldur® Polyamine				reagent C		10714
Caldur® Polyamine ¹⁾				Titration solution		10715

¹⁾ type on request





Colorimetric test sets

The colour developed corresponds to concentration. (6 colour fields)

Article	Concentration range	Number of measurements	Measuring time	Description	Order-No.	
					Pack	Refill-Pack
Caldur® Aluminium	0,05 • 0,1 0,25 • 0,5 mg/L Al 0,75 • 2	150	8 min.	Chromazurole S 2 reagents	20200	20201
Caldur® Ammonium	0,1 • 0,25 0,5 • 1 mg/L NH ₄ ⁺ 5 • 10	100	15 min.	Thymole 3 reagents	20210	20211
Caldur® Ascorbic acid	0,1 • 0,25 0,5 • 1 mg/L 5 • 10	100	3 min.	Ferrozine 2 reagents	20220	20221
Caldur® Chlorine (free)	0,05 • 0,1 0,25 • 0,5 mg/L Cl ₂ 0,75 • 1	150	1 min.	DPD 2 reagents	20240	20241
Caldur® Chlorine LR (free+bound)	0,05 • 0,1 0,25 • 0,5 mg/L Cl ₂ 0,75 • 1	150	1 min.	DPD 3 reagents	20250	20251
Caldur® Chlorine HR (free+bound)	0,1 • 0,25 0,5 • 0,75 mg/L Cl ₂ 1,0 • 2	150	1 min.	DPD 3 reagents	20250	20251
Caldur® Chlorine/ Clordioxide	0,05 • 1 mg/L Cl ₂ 0,05 • 0,5 mg/L ClO ₂	140	1 min. 5 min.	DPD 3 reagents 2 reagents	20455	20456
Caldur® Chlordioxide	0,05 • 0,1 0,2 • 0,3 mg/L ClO ₂ 0,4 • 0,5	140	5 min.	DPD 2 reagents	20270	20271
Caldur® Chromium	0,05 • 0,1 0,25 • 0,5 mg/L Cr (VI) 0,75 • 2	150	5 min.	Diphenylcarbazide 2 reagents	20280	20281
Caldur® Copper	0,05 • 0,1 0,25 • 0,5 mg/L Cu 1 • 2	100	5 min.	Cuprizone 2 reagents (fluid)	20320	20321
Caldur® DEHA	0,05 • 0,1 0,25 • 0,5 mg/L DEHA 0,75 • 1	100	5 min.	Ferrozine 2 reagents	20300	20301
Caldur® Hydrazine	0,05 • 0,1 0,25 • 0,5 mg/L N ₂ H ₄ 1 • 2	100	5 min.	DMBA 2 reagents	20680	20681
Caldur® Iron LR	0,05 • 0,1 0,25 • 0,5 mg/L Fe 0,75 • 1	150	4 min.	Ferrozine 2 reagents	20310	20311
Caldur® Iron LRS	0,01 • 0,03 0,06 • 0,1 mg/L Fe 0,2 • 0,5	100	5 min.	Ferrozine 2 reagents	20308	20309
Caldur® Iron HR	0,25 • 0,5 1 • 2,5 mg/L Fe 5 • 10	150	3 min.	o-Phenanthroline 2 reagents	20315	20316
Caldur® Iron HRS	0,20 • 0,5 1 • 2,5 mg/L Fe 5 • 10	150	4 min.	o-Phenanthroline 1 reagent	20630	20631



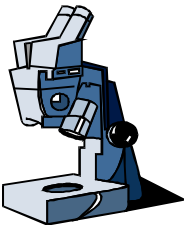


Colorimetric test sets

The colour developed corresponds to concentration. (6 colour fields)

Article	Concentration range	Number of measurements	Measuring time	Description	Order-No.	
					Pack	Refill-Pack
Caldur® Manganese	0,03 • 0,05 0,1 • 0,25 mg/L Al 0,5 • 1	100	10 min.	Formaldoxim 3 reagents	20360	20361
Caldur® MEKO	0,5 • 1,0 2,5 • 5 mg/LMEKO	100	8 min.	Ferrozine	20400	20401
Caldur® Molybdenum HRS	1 • 2,5 5 • 10 mg/L Mo 20 • 30	120	4 min.	Thioglycolic acid 1 reagent	20670	20671
Caldur® Nitrate	1 • 10 20 • 30 mg/L NO ₃ ⁻ 40 • 50	200	6 min.	NED 2 reagents	20340	20341
Caldur® Nitrite LR	0,05 • 0,1 0,25 • 0,5 mg/L NO ₂ ⁻ 0,75 • 1	200	5 min.	NED 1 reagent	20350	20351
Caldur® Oxygen	1 • 3 5 • 7 mg/L O ₂ 9 • 12	30	2 min.	Winkler 3 reagents	20510	20511
Caldur® pH 2-5	2 • 3 3,5 • 4 4,5 • 5	300	1 min.	Mixed indicator 1 reagent	20380	20381
Caldur® pH 5-8	5 • 6 6,5 • 7 7,5 • 8	300	1 min.	Mixed indicator 1 reagent	20385	20386
Caldur® pH 8-12	8 • 8,5 9 • 10 11 • 12	300	1 min.	Mixed indicator 1 reagent	20390	20391
Caldur® pH-Chlorine (free)	pH: 6,8 - 7,4 - 8,0 Cl ₂ : 0,1 - 0,5 - 1,0 mg/L	50	1 min.	Methode: Phenolred / DPD 1 reagent 2 reagents	20290	20291
Caldur® pH-Chlorine (free)	pH: 6,8 - 7,4 - 8,0 Cl ₂ : 0,1 - 0,5 - 1,0 mg/L	50 Best.	1 min.	1 reagent (pH)		20393
		50 Best.	1 min.	2 reagents (Chlorine A + B)		20293
Caldur® Phosphate LR	0,25 • 0,5 1,0 • 2,5 mg/L PO ₄ ³⁻ 5 • 10	200	5 min.	Molybdate 2 reagents	20410	20411
Caldur® Phosphate HR	2,5 • 5 10 • 25 mg/L PO ₄ ³⁻ 50 • 100	100	1 min.	Molybdate / Vanadate 1 reagent	20415	20416
Caldur® Peroxide	1 • 2 3,5 • 5 mg/L H ₂ O ₂ 7,5 • 10	150	5 min.	Titanyle 1 reagent	20440	20441
Caldur® Silicate	0,25 • 0,5 1 • 2,5 mg/L SiO ₂ 5 • 10	100	8 min.	Molybdate 3 reagents	20520	20521
Caldur® Sulfide	0,05 • 0,1 0,25 • 0,5 mg/L S ²⁻ 0,75 • 1	100	7 min.	DPD 2 reagents	20540	20541
Caldur® Sulfite	0,5 • 1 2,5 • 5 mg/L SO ₃ ²⁻ 10 • 20	150	3 min.	Thiobenzoic acid 2 reagents	2530	20531





Analytical instruments / accessories

Article	Description	Order-No.
pHep4	combined tester for pH (pH0.0 - 14.0) and temperature (0 - 60.0 °C), waterproof resolution: pH 0.1, temperature 0.1	37570
pHep5	combined tester for pH (pH0.0 - 14.0) and temperature (0 - 60.0 °C), waterproof resolution: pH 0.01, temperature 0.1	37580
	Caldur® calibration solution pH 7.01 100 ml	70011
	Caldur® calibration solution pH 4.01 100 ml	70012
	Caldur® calibration solution pH 10.01 100 ml	70013
	Caldur® storage solution 100 ml	70014
DiST3	conductivity temperature measuring instrument, automatic temperature compensation	37620
DiST4	conductivity temperature measuring instrument, automatic temperature compensation measuring range: 19.99 mS/cm, resolution 0.01mS/cm	37640
DiST5	conductivity- and TDS-tester with option to check temperature, waterproof measuring range EC: up to 3999 µS/cm, resolution 1 µS/cm	37660
DiST6	conductivity- and TDS-tester with option to check temperature, waterproof measuring range EC: up to 20 mS/cm, resolution 0.01 mS/cm	37670
	Caldur® conductivity calibration solution 1413 µS/cm 100 ml	70015
	Caldur® conductivity calibration solution 84 µS/cm 100 ml	70016
Spectro2	microprocessor guided digital pocket photometer, integrated calibration graphs	37568
Spectro2	microprocessor guided digital pocket photometer, integrated calibration graphs, transport case	37569
	glass cuvette	70010
Heating bloc	2-step heating, 8 holes, for digestion of polyphosphates	37571
	digestion tube (8 pices)	70021
Measuring tube	Caldur® Measuring tube 5 ml	70002
	Caldur® Measuring tube 15 ml	70001





Laboraty reagent sets

Article	Concentration range	Number of measurements	Description	Order-No.	
				Pack	Refill-Pack
Caldur® Phosphate KT		100	set for determination of total phosphate (anorg. / org.) only to use with following articles 37571, 37568, 700021	20420	
Caldur® Phosphate KT			reagent A		20421
Caldur® Phosphate KT			reagent B		20422
Caldur® Phosphate KT			reagent C		20423
Caldur® Phosphate KT			reagent D		20424
Caldur® GH-Indicator			Indicator for determination of total hardness, integrated buffer colour change red - green 250 ml		10293
Caldur® M-Indicator			Indicator for determination of m-value (pH 4,3) colour change violet - yellow 250 ml		10597
Caldur® P-Indicator			Indicator for determination of p-value (pH 8,2) colour change colourless - red 250 ml		10598



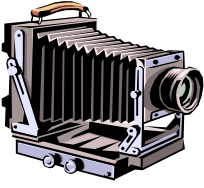


Analytical case

sturdy analytical case, made for daily use, alternatively in aluminium or plastic.

Article	Description	application	Order-No.
Caldur® analytical case for boiler water analysis	complete with Testsets Caldur® GH 100 (raw water) Caldur® GR (residual hardness) Caldur® PM (P and M-value) Caldur® Phosphate (residual hardness binder) Caldur® Sulfite (oxygen binder) pH-meter pH EP 2 (0 - 14) with automatic temperature compensation, water proof Conductivity meter DIST 3 WP (0 - 1999 µS/cm) with automatic temperature compensation, water proof	e. g. control of feed water	
Version with colour cards			37100
Version with battery supplied pocket LED-photometer Spectro 2			37150
Caldur® analytical case reverse osmosis	complete with Testsets Caldur® GH 100 (raw water) Caldur® GR (residual hardness) Caldur® CH (carbonate hardness) Caldur® Iron LR (iron) Caldur® Silicate (silicate) Caldur® Chlorine (disinfectants) pH-meter pH EP 2 (0 - 14) with automatic temperature compensation, water proof	e. g. control of reverse osmosis plants	
Version with colour cards			37200
Version with battery supplied pocket LED-photometer Spectro 2			37250
Caldur® analytical case for special items	may be equipped individually		37000
Caldur® analytical case miniLab	complete with 6 parameter 1) Caldur® Ammonium Caldur® Hardness Caldur® Nitrate Caldur® Nitrite Caldur® pH 5 - 8 Caldur® Phosphate 1) Parameters may be equipped individually		
Version with colour cards			37300



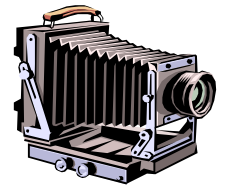


Photometric test sets

Reagents incl. measuring tube and instruction for use with spectro photometer.

Article	Concentration range	Number of measurements	Measuring time	Description	Order-No.	
					Pack	Refill-Pack
Caldur® Aluminium	0,02 - 0,3 mg/L Al	150	8 min.	Chromazurole S 2 reagents	20202	20201
Caldur® Ammonium	0,1 - 3 mg/L NH ₄ ⁺	100	15 min.	Thymole 3 reagents	20212	20211
Caldur® Ascorbic acid	0,1 - 10 mg/L	100	3 min.	Ferrozine 2 reagents	20222	20221
Caldur® Chlorine (free)	0,05 - 1 mg/L Cl ₂	150	1 min.	DPD 2 reagents	20242	20241
Caldur® Chlorine LR (free+bound)	0,05 - 1 mg/L Cl ₂	150	1 min.	DPD 3 reagents	20252	20251
Caldur® Chlorine HR (free+bound)	0,1 - 2 mg/L Cl ₂	150	1 min.	DPD 3 reagents	20252	20251
Caldur® Chlorine/Clordioxide	0,05 - 1 mg/L Cl ₂ 0,05 - 0,5 mg/L ClO ₂	140	1 min. 5 min.	DPD 3 reagents 2 reagents	20452	20451
Caldur® Chlordioxide	0,05 - 10 mg/L ClO ₂	140	5 min.	DPD 2 reagents	20272	20271
Caldur® Chromium	0,05 - 0,7mg/L Cr (VI)	150	5 min.	Diphenylcarbazide	20282	20281
Caldur® Copper	0,05 - 2 mg/L Cu	100	5 min.	Cuprizone 2 reagents (fluid)	20322	20321
Caldur® DEHA	0,05 - 5 mg/L DEHA	100	5 min.	Ferrozine 2 reagents	20302	20301
Caldur® Hydrazine	0,02 - 3 mg/L N ₂ H ₄	100	5 min.	DBMA 2 reagents	20682	20681
Caldur® Iron LR	0,02 - 2 mg/L Fe	150	4 min.	Ferrozine 2 reagents	20312	20311
Caldur® Iron LRS	0,01 - 0,5 mg/L Fe	100	5 min.	Ferrozine 2 reagents	20308	20309
Caldur® Iron HR	0,20 - 10 mg/L Fe	150	3 min.	o-Phenanthroline 2 reagents	20317	20316
Caldur® Iron HRS	0,20 - 10 mg/L Fe	150	4 min.	o-Phenanthroline 1 reagent	20632	20631





Photometric test sets

Reagents incl. measuring tube and instruction for use for spectro photometer.

Article	Concentration range	Number of measurements	Measuring time	Description	Order-No.	
Caldur® Manganese	0,05 - 2 mg/L Mn	100	10 min.	Formalldoxime 3 reagents	20362	20361
Caldur® MEKO	0,5 -10 mg/L MEKO	100	8 min.	Ferrozine 2 reagents	20402	20401
Caldur® Molybdenum HRS	2,5 -100 mg/L Mo	120	15 min.	2-Aminothiophenole 2 reagents	20332	20331
Caldur® Nitrate	0,5 -50 mg/L NO ₃ ⁻	200	6 min.	NED 2 reagents	20342	20341
Caldur® Nitrite LR	0,02 - 1 mg/L NO ₂ ⁻	200	5 min.	NED 1 reagent	20352	20351
Caldur® Oxygen	1 -12 mg/L O ₂	30	2 min.	Winkler 3 reagents	20512	20511
Caldur® Phosphate LR	0,1 - 5 mg/L PO ₄ ³⁻	200	5 min.	Molybdate 2 reagents	20412	20411
Caldur® Phosphate HR	2,5 -100 mg/L PO ₄ ³⁻	100	1 min.	Molybdate / Vanadate 1 reagent	20417	20416
Caldur® Peroxide	1 -100 mg/L H ₂ O ₂	150	5 min.	Titanyle 1 reagent	20442	20441
Caldur® Silicate	0,1 -10 mg/L SiO ₂	100	8 min.	Molybdate 3 reagents	20522	20521
Caldur® Sulfide	0,05 - 1 mg/L S ²⁻	100	7 min.	DPD 2 reagents	20542	20541
Caldur® Sulfite	0,5 -10 mg/L SO ₃ ²⁻	150	3 min.	Thiobenzoic acid 2 reagents	20532	20531





Conditions of delivery

- I All prices are inclusive packing, expenses of dispatch are not included.
- I By ordering more than 100 testsets of the same article the personification is free of charge.

Our general terms and conditions of sale are applicable.

Misconception and changes reserved.

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General Terms and Conditions of Sale
KKC Dr. Klink GmbH
- Version 08/2003 -

I. Validity

1. The following general terms are component each offer from KKC Dr. Klink GmbH and be valid for all contracts, deliveries and results.
2. Deviations from these terms are only written possible and must be written by the manager or a authorized representantive of KKC Dr. Klink GmbH.
3. Any deviations from these terms and conditions of sale, especially any terms and conditions of the buyer, shall only be applicable in as far as they are acknowledged in writing by the manager of KKC Dr. Klink GmbH.
4. Any devatons, especially any terms and conditions of the buyer, are not accepted.

II. Offer—quotations

1. Our quotations are made subject to change without notice.
2. All prices are net, tax and freights are not included.
3. We reserve property rights to tools and installations. The same shall apply to documents specified as „confidential“.
4. KKC Dr. Klink GmbH expressly reserves the right of technical modifications to our products within reasonable limits.

III. Governing law—official language

1. These general conditions of sale and all legal relations between seller and buyer shall be governed solely by the law of the federal Republic of Germany. The Uniform Law on the International Sale of Goods shall not apply.
2. In these general conditions of sale are disclosed to the customer in another language apart from German only the German text shall be decisive in the case of translation/ interpretation differences. Any translation into another language shall solely serve the purpose of better understanding..

IV. Terms of delivery—default on delivery

1. The quoted delivery terms are not fixed deadlines, unless expressly agreed otherwise. We shall be entitled to make part deliveries. All deliveries shall be ex works and travel at the customer's risk even if carriage-free delivery has been agreed.
2. In the event of strikes, lock-outs, scarcity of power or resources, transport and unavoidable operational disruptions as well as other cases of force majeure, we shall be entitled, at our discretion, to either extend the term of delivery appropriately or to withdraw from the contract in whole or in part.
3. In the case of a default on delivery, for which we are at fault, the buyer may withdraw from the contract after expiry of a reasonable grace period to be set by him in writing. Art. VI shall apply to claims for damages.

V. Warranty

1. The customer shall give us written notice of any defects immediately but no later than within 14 days of receipt of delivery. Written notice of defects that cannot be detected despite careful inspection within this period shall be given to us in writing immediately after they have been detected.
2. If the delivered merchandise is defective at the time of passing of the risk, we shall either deliver a replacement or remedy the product at our discretion. Multiple remedies shall be admissible.
3. If belated performance/remedy fails, the customer—unless otherwise specified by the warranty—shall be entitled at his discretion to either withdraw from the contract or demand a reduction of the purchase price. In the case of a minor violation of the contract, in particular in the case of minor defects, however, the customer shall have no right of withdrawal. Art. VI shall apply to claims for compensation of damages and expenses due to defects.

VI. Limited liability

1. For wilful intent and gross negligence on our part and in the case of culpable damages to life, body or health we shall accept liability according to legal regulations. In the case of a violation of important rights and obligations, essential or fundamental contractual or fundamental incidental or rotection duties we shall accept liability in the case of simple negligence, limited to typical, immediate and predictable average damages. Any further liability, notwithstanding the legal natur of the raised claim, shall be ruled out. This shall apply in particular to claims for damages in the case of culpability on conclusion of the contract, due to other violations of duties or to tortious claims for compensation of material damages according to § 823 of the German Civil Code (BGB). Claims of the customer arising from product liability and assumend warranties shall not be affected by limited liability. We shall also be under no liability in the case of violations of duties by our legal representatives and vicarious agents.

VII. Prices—terms of payment

1. Unless otherwise specified, prices are quoted „ex works“ plus the legal percentage of Value Added Tax valid on the invoice date.
2. Payment shall be effected subject to the specified terms of payment. If no terms have been specified, the purchase price shall be payable within 30 days from the invoice date without deductions. If bills of exchange or cheques are accepted in payment due to a prior agreement, any discount and collection expenses, etc., shall be charged to the customer. Bills of ex-

change and cheques shall only be accepted on account of performance.

3. If the customer fails to any within the payment deadline we shall be entitled to charge interest equalling the rate of usual bank debit interest but at least 8% over the basic interest rate of the invoiced amount. In the event that the production costs of goods or services that are to be delivered or ended later than 4 month after conclusion of the contract go up by alt least 5% due to an increase in raw material prices, we reserve the right to modify the originally agreed prices correspondingly.

VIII. Reservation of title

1. We shall retain title to the delivered merchandise until all claims—even future claims—resulting from our business relations have been settled. To secure our rights, any claims arising to the customer from re-sale of the reserved merchandise to third parties shall already be transferred to us in the amounts charged to the third parties. The direct debit mandate issued to the customer shall expire if he fails to meet his payment obligations in due and proper form. On our request, the customer shall make known to us the parties owing the transferred claims and inform them of the assignment. If the securities exceed our claims to be secured by more than 10%, we shall release any excess securities on demand.

IX. Conclusion of contracts

1. Any agreement with our agents shall require our express written confirmation. This shall apply in particular to orders accepted by the agents.

X. Jurisdiction

The jurisdiction, also for actions ofn bills or exchange and cheques, for possible disputes with fully qualified merchants, legal persons under public law or public assets shall be— depending on factual jurisdiction—the Local Court of Müllheim (Baden) or the the Regional Court of Freiburg (Breisgau) or , at our discretion, the customer's general legal venue.