Dispensette[®] – the right bottle-top dispenser for your application.



Dispensette®

FIRST CLASS · BRAND

The original Dispensette[®] with its broad range of application has proven reliable for accurate dispensing even of aggressive reagents.

Dispensette[®] III:

for many acids, bases, saline solutions as well as many organic solvents.

Dispensette[®] Organic:

optimized for dispensing organic solvents and acids.

> Dispensette® TA:

for dispensing acids, bases and hydrogen peroxide and with platinum-iridium valve spring suitable for HF.





Product features

- The 45 mm standard thread plus the included adapters fit common lab bottles.
- The valve block can be rotated 360° so that the bottle label always faces the user for safety.
- Telescoping filling tube adjusts to different bottle sizes
- Easy to dismantle for cleaning
- Replaceable filling valves for simple, economical service
- Autoclavable at 121 °C (except for Dispensette[®] TA)
- Conformity certified
- Easy to calibrate and adjust in order to comply with ISO 9001 and GLP guidelines. A positive indicator automatically indicates adjustment from factory settings.

An extensive line of accessories makes possible special dispensing tasks like sterile applications or dispensing from large containers.

Volume adjustment



■ Digital · Easy Calibration

- Digital display: especially easy to read, and dispensing volume can be set accurately and reproducibly (mechanical counter).
- Easy Calibration: Innovative technique for adjustment in seconds without tools.



Analog-adjustable

Fast volume adjustment with analog slide
 Simple calibration adjustment with supplied tool.



Fixed-volume

- Fixed-volume for standard applications
- Simple calibration adjustment with supplied tool.

Choose your dispenser

The Dispensette[®] with its broad range of application has proven reliable for accurate dispensing even of aggressive reagents.

Dispensing with a gentle touch

We bring 40 years of experience and the most modern manu-



facturing technology to the development and production of bottle-top dispensers. Pistons and cylinders are accurately machined and hand matched to provide a low-wear seal, optimum sliding properties and virtually effortless, onehanded dispensing.

Handling





Serial dispensing

The flexible discharge tube with safety handle facilitates serial dispensing. It permits fast and precise dispensing even into narrow test tubes.

Dispensing sterile fluids

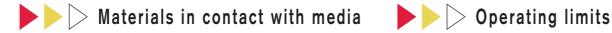
The Dispensette[®] is completely autoclavable at 121 °C (except for Dispensette[®] TA). Optional microfilters protect the bottle contents from contamination.



Dispensing sensitive reagents

The drying tube protects sensitive reagents against humidity or CO_{2} .





Dispensette [®] III:	borosilicate glass, Al ₂ O ₃ -ceramic, platinum-iridium, ETFE, FEP, PFA and PP (discharge tube safety screw cap)
Dispensette [®] Organic:	borosilicate glass, Al ₂ O ₃ -ceramic, tantalum, ETFE, FEP, PFA and PP (discharge tube safety screw cap)
□ Dispensette® TA:	ETFE, FEP, PFA and PTFE. The purest sapphire is used for the valves. Depending on the design, platinum- iridium or tantalum are available as spring materials.

Additional information on the $\mathsf{Dispensette}^{\circledast}$ (operating manual, SOP, etc.) can be found at www.brand.de

Dispensette [®] III:	vapor pressure max. 500 mbar viscosity max. 500 mm ² /s temperature max. 40 °C density max. 2.2 g/cm ³
Dispensette [®] Organic:	vapor pressure max. 500 mbar viscosity max. 500 mm ² /s temperature max. 40 °C density max. 2.2 g/cm ³
□ Dispensette® TA:	vapor pressure max. 500 mbar viscosity max. 500 mm ² /s temperature max. 40 °C density max. 3.8 g/cm ³



Dispensette® III _

Dispensette[®] III (color-code red): Its **broad range of application** permits bottle dispensing of aggressive reagents, including concentrated acids such as H_3PO_4 , H_2SO_4 , bases like NaOH, KOH, saline solutions, as well as many organic solvents.

For such reagents as concentrated HCl and HNO₃, for trifluoroacetic acid (TFA), tetrahydrofuran (THF), dichloromethane and peroxides, we recommend the Dispensette[®] Organic.

Dispensette[®] III, Digital · Easy Calibration

Capacity ml	'	Subdivision ml	A* ≤ ± %	μΙ	CV* ≤ %	μΙ	without SafetyPrime™ recirculation valve Cat. No.	with SafetyPrime™ recirculation valve Cat. No.
0.2 -	2	0.01	0.5	10	0.1	2	4700 320	4700 321
0.5 -	5	0.02	0.5	25	0.1	5	4700 330	4700 331
1 -	10	 0.05	0.5	50	0.1	10	4700 340	4700 341
2.5 -	25	 0.1	0.5	125	0.1	25	4700 350	4700 351
5 -	50	 0.2	0.5	250	0.1	50	4700 360	4700 361



Dispensette® III, Analog-adjustable

Capacity ml	Subdivision ml	A* ≤ ± %	± μl	CV* ≤ %	μΙ	without SafetyPrime™ recirculation valve Cat. No.	with SafetyPrime™ recirculation valve Cat. No.
0.05 - 0.5	0.01	1.0	5	0.2	1	4700 100	4700 101
0.2 - 2	0.05	0.5	10	0.1	2	4700 120	4700 121
0.5 - 5	0.1	0.5	25	0.1	5	4700 130	4700 131
1 - 10	0.2	0.5	50	0.1	10	4700 140	4700 141
2.5 - 25	0.5	0.5	125	0.1	25	4700 150	4700 151
5 - 50	1.0	0.5	250	0.1	50	4700 160	4700 161
10 - 100	1.0	0.5	500	0.1	100	4700 170	4700 171

Dispensette® III, Fixed-volume

Capacity ml	A* ≤ ± %	μΙ	CV* ≤ %	μΙ	without SafetyPrime™ recirculation valve Cat. No.	with SafetyPrime™ recirculation valve Cat. No.
1	0.5	5	0.1	1	4700 210	4700 211
2	0.5	10	0.1	2	4700 220	4700 221
5	0.5	25	0.1	5	4700 230	4700 231
10	0.5	50	0.1	10	4700 240	4700 241
Special fixed volumes: 0.5-100 ml (pleas	se state v	vhen orde	ring)		4700 290	4700 291

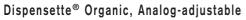


The Dispensette[®] Organic (yellow color-code) is ideal for dispensing of **organic solvents** including chlorinated and fluorinated hydrocarbons (e.g., trichlorotrifluoroethane and dichloromethane), **concentrated acids (e.g., HCI and HNO₃),** trifluoroacetic acid (TFA), tetrahydofuran (THF) and peroxides. For bases and saline solutions we recommend the Dispensette[®] III.

Dispensette[®] Organic

Dispensette® Organic, Digital · Easy Calibration

Capa ml	city		Subdivision ml	$A^* \leq \pm \%$	μΙ	CV* ≤ %	μΙ	without SafetyPrime™ recirculation valve Cat. No.	with SafetyPrime™ recirculation valve Cat. No.
0.5	-	5	0.02	0.5	25	0.1	5	4730 330	4730 331
1	-	10	0.05	0.5	50	0.1	10	4730 340	4730 341
2.5	-	25	0.1	0.5	125	0.1	25	4730 350	4730 351
5	-	50	0.2	0.5	250	0.1	50	4730 360	4730 361



Capacit ml	ty		Subdivision ml	A* ≤ ± %	: µl	CV* ≤ %	μΙ	without SafetyPrime™ recirculation valve Cat. No.	with SafetyPrime™ recirculation valve Cat. No.
0.5 -		5	0.1	0.5	25	0.1	5	4730 130	4730 131
1 - 2.5 -	-	10 25	0.2 0.5	0.5 0.5	50 125	0.1 0.1	10 25	4730 140 4730 150	4730 141 4730 151
0	-	50 100	1.0 1.0	0.5 0.5	250 500	0.1 0.1	50 100	4730 160 4730 170	4730 161 4730 171

Dispensette® Organic, Fixed-volume

Capacity ml	A* ≤ ± %	μΙ	CV* ≤ %	μΙ	without SafetyPrime™ recirculation valve Cat. No.	with SafetyPrime™ recirculation valve Cat. No.
5	0.5	25	0.1	5	4730 230	4730 231
10	0.5	50	0.1	10	4730 240	4730 241
Special fixed volumes: 2-100 ml (please	4730 290	4730 291				



Dispensette[®] TA is a special instrument for dispensing high-purity acids, alkalis, and hydrogen peroxide for trace analysis. This instrument is also suitable for dispensing hydrofluoric acid (HF) with Pt/ Ir valva spring. Further information can be found at www.brand.de, or you can request our detailed brochure.

Dispensette® TA**, Analog-adjustable

Capacity ml	Valce spring	Subdivision ml	A* ≤ ± %	μl	CV* ≤ %	μl	without SafetyPrime [™] recirculation valve Cat. No.	with SafetyPrime [™] recirculation valve Cat. No.
1 - 10	Platinium-Iridium	0.2	0.5	50	0.1	10	4740 040	4740 041
1 - 10	Tantalum	0.2	0.5	50	0.1	10	4740 240	4740 241

* All dispensers calibrated to deliver (TD, Ex). Error limits according to the nominal capacity (= maximum volume) indicated on the instrument, obtained with instrument and distilled water at equilibrium with ambient temperature at 20 °C, and with smooth, steady operation. The error limits are well within the limits of DIN EN ISO 8655-5. Conformity certified to DIN 12600.

A = Accuracy, CV = Coefficient of variation

** Not autoclavable. Not suitable for organic solvents.











Dispenser selection chart

Acetaldehyde + + Acetic acid (glacial), 100% + + Acetic acid, 96% + + Acetone + + Acetone + + Acetonitrile + + Acetophenone + + Acetylacetone + + Acetylacetone + + Acylic acid + + Allyl alcohol + + Allyl alcohol + + Ammonia, 20% + + Ammonium fuloride + - Ammonium sulfate + - n-Amyl acetate + + Ammonium sulfate + - n-Amyl alcohol (Pentanol) + + Amilace + + Benzine (Petroleum benzine), benzine (Petrole	Reagent	Disp. III	Disp. Organic
Acetic acid (glacial), 100% + + Acetor acid, 96% + + Acetor acid, 96% + + Acetone + + Acetonitile + + Acetophenone + + Acetyl chloride + + Acetylacetone + + Acylic acid + + Allyl alcohol + + Allyl alcohol + + Allyl alcohol + + Ammonia, 20% + + Ammonium fluoride + + Ammonium sulfate + + Aniline + + Benzole (Pertoleum benzine) + + Aniline + + Benzole (Indride + + Benzole (Indride + + Benzole (Indride	Acetaldehyde	+	+
Acetic acid, 96% + + Acetic anhydride + Acetone + Acetonitile + Acetophenone + Acetyl chloride + Acetylacetone + Acrylic acid + Acrylic acid + Allyl alcohol + Allyl alcohol + Ammonia, 20% + Ammonia, 20-30% + Ammonium chloride + Ammonium fluoride + Ammonium sulfate + n-Amyl acetate + Aniline + Aniline + Aniline + + + Benzaledhyde + Benzale (Petroleum benzine), by 70-180 °C + Benzoly Chloride + + + Benzoly Chlo	Acetic acid (glacial), 100%	+	+
Acetone + + Acetonitrile + + Acetyl chloride + + Acetyl chloride + + Acetyl chloride + + Acetyl cacid + + Acrylic acid + + Allyl alcohol + + Allyl alcohol + + Ammonia, 20% + + Ammonium fluoride + + Ammyl chlor		+	+
Acetonitrile + + Acetophenone + Acetyl chloride + Acetyl chloride + Acetylacetone + Acryloritile + Acryloritile + Adipic acid + Allyl alcohol + Allyl alcohol + Ammonia colds + Ammonia, 20-30% + Ammonia, 20-30% + Ammonia, 20-30% + Ammonia, 20-30% + Ammonium chloride + Ammonium sulfate + n-Amyl acetate + Amyl chloride + (Chloropentane) + Aniline + Benzen (Petroleum benzine), bp 70-180 °C + Benzol (Chloride + Benzol (Chloride + Hearylanine + Hearylanine + Benzol (Chloride + Benzol (Chloride + Hearylacetate	Acetic anhydride		+
Acetophenone+Acetyl chloride+Acetylacetone+Acrylic acid+Acrylonitrile+++Adipic acid+Allyl alcohol+++Aluminium chloride+Ammonia, 20%+++Ammonia, 20%+-+Ammonium chloride+Ammonium sulfate++Amyl alcohol (Pentanol)++Aniline+-+Benzaldehyde+++Berazene (Benzol)+++Benzyl chloride+++Benzyl alcohol+++Benzyl alcohol+++Boric acid, 10%+++Butanediol+++Butanediol+++Butyl acetate+++Butyl acetate+++Butyl acetate+++Butyl acetate+++Butyl acetate+++Butyl acetate+++Butyl acetate+++Calcium chloride+ <t< td=""><td>Acetone</td><td>+</td><td>+</td></t<>	Acetone	+	+
Acetyl chloride + Acetylacetone + Accylic acid + Acrylic acid + Adipic acid + Adipic acid + Allyl alcohol + Allwal alcohol + Allwal alcohol + Ammonia, 20% + Ammonia, 20% + Ammonia, 20% + Ammonium chloride + Ammonium sulfate + -Ammonium sulfate + -Ammolium sulfate + -Ammolium sulfate + -Amyl alcohol (Pentanol) + -Amyl alcohol (Pentanol) + -Aniline + Benzidehyde + -Benzidehyde + -Benzidehyde + -Benzidehyde + -Benzyl alcohol + -H Benzyl alcohol -H B	Acetonitrile	+	+
Acetylacetone + + Acrylic acid + + Acrylonitrile + + Adlyl alcohol + + Allyl alcohol + + Allyn alcohol + + Amino acids + + Ammonium chloride + + Ammonium chloride + + Ammonium sulfate + + n-Amyl acchol (Pentanol) + + Amyl alcohol (Pentanol) + + Amyl alcohol (Pentanol) + + Aniline + + Benzie (Detroleum ben-zine), br 70-180 °C + + Benzie (Petroleum ben-zine), br 70-180 °C + + Benzyl alcohol + + + Benzyl alcohol + + + Benzyl alcohol + + + Benzie (Petroleum ben-zine), br 70-180 °C + + Benzyl alcohol + + +	Acetophenone		+
Acrylic acid + + Acrylonitrile + + Adipic acid + + Ally lacohol + + Ally alcohol + + Aluminium chloride + + Ammonia, 20% + + Ammonium chloride + + Ammonium fluoride + + Ammonium sulfate + + n-Amyl acetate + + Amyl chloride + + Chloropentane) + + Aniline + + Benzaldehyde + + H Benzium Chloride + Benzene (Benzol) + + Benzyl alcohol + + Benzyl alcohol + + Benzyl alcohol + + Benzyl alcohol + + Benzylamine + + Benzylamine + + Benzylamine + + Benzylamine +	Acetyl chloride		+
Acrylonitrile + + Adipic acid + + Adipic acid + + Allyl alcohol + + Auminium chloride + + Ammoniu chloride + + Ammonium sulfate + + n-Amyl alcohol (Pentanol) + + Amyl alcohol (Pentanol) + + Aniline + + Barium chloride + + Benzene (Benzol) + + Benzol chloride + + Benzyl alcohol + <td>Acetylacetone</td> <td>+</td> <td>+</td>	Acetylacetone	+	+
Adipic acid + Allyl alcohol + Allyl alcohol + Amino acids + Ammonia, 20% + Ammonia, 20-30% + Ammonium chloride + Ammonium chloride + Ammonium sulfate + -Amyl acetate + Amyl acetate + Amyl acetate + Amyl acetate + Amyl acetate +	Acrylic acid	+	+
Allyl alcohol++Aluminium chloride+Amino acids+Ammonia, 20%+Ammonia, 20-30%+Ammonium chloride+Ammonium fluoride+Ammonium sulfate+-n-Anyl acetate+Amyl alcohol (Pentanol)+Amyl chloride+(Chloropentane)+Aniline+Berzaldehyde+H+Benzene (Benzol)+++Benzol chloride+H+Benzol chloride+++Benzol chloride+++Benzol chloride+++Benzol chloride+++Benzyl chloride+++Benzyl chloride+++Benzyl chloride+++Benzyl chloride+++Benzyl chloride+++Benzyl chloride+++Butanediol+++Butyl acetate+++Butyl acetate+++Butyl acetate+++Calcium chloride+-+Calcium chloride+++Chloroacetaldehyde, 45%+++Chloroacetine+ <td>Acrylonitrile</td> <td>+</td> <td>+</td>	Acrylonitrile	+	+
Aluminium chloride + Amino acids + Ammonia, 20% + Ammonia, 20-30% + Ammonium, 20-30% + Ammonium, 20-30% + Ammonium, 20-30% + Ammonium chloride + Ammonium sulfate + n-Amyl alcohol (Pentanol) + Amyl chloride + (Chloropentane) + Aniline + Benzaldehyde + Benzium chloride + Benzium chloride + Benzium chloride + Benziue (Petroleum ben- + zine), bp 70-180 °C + Benzyl chloride + H + Benzyl chloride + H + Benzyl chloride + H + Benzyl alcohol + H + Benzyl chloride + H Benzylanine H	Adipic acid	+	
Amino acids + Ammonia, 20% + Ammonia, 20-30% + Ammonium chloride + Ammonium chloride + Ammonium sulfate + n-Amyl acetate + Amyl alcohol (Pentanol) + Amyl alcohol (Pentanol) + Amyl chloride + (Chloropentane) + Aniline + Benzaldehyde + + + Benzene (Benzol) + + + Benzoyl chloride + + + Benzylanine + + + Benzylchloride + + + Boric acid, 10% + + + Bromobenzene + + + Butanediol + + + Butyl acetate + + + Butyl acetate +	Allyl alcohol	+	+
Ammonia, 20%++Ammonia, 20-30%+Ammonium chloride+Ammonium fluoride+Ammonium sulfate+n-Amyl acetate+Amyl alcohol (Pentanol)+Amyl chloride+(Chloropentane)+Aniline+Barium chloride+Benzaldehyde+++Benzene (Benzol)+++Benzyl chloride+++Benzyl alcohol+++Benzyl alcohol+++Benzyl alcohol+++Benzyl alcohol+++Boric acid, 10%+++Bromobenzene+++Butanediol+++Butyl acetate+++Butyl acetate+++Butyl acetate+++Butyl acetate+++Calcium chloride+Calcium hypochlorite+Calcium hypochlorite+Chloroacetaldehyde, 45%++-Chlorobanzene++-Chlorobanzene++-Chlorobanzene++-Chloroacetine++ </td <td>Aluminium chloride</td> <td>+</td> <td></td>	Aluminium chloride	+	
Ammonia, 20-30%+Ammonium chloride+Ammonium fluoride+Ammonium sulfate+n-Amyl acetate+Amyl alcohol (Pentanol)+Amyl chloride+(Chloropentane)+Aniline+Barium chloride+Benzaldehyde+H+Benzene (Benzol)+++Benzol (Chloride+++Benzyl alcohol+++Benzyl alcohol+++Benzyl alcohol+++Benzylchloride+++Benzylchloride+++Boric acid, 10%+++Bromobenzene+++Butanediol+++Butyl acetate+++Butyl acetate+++Butyl methyl ether+++Butylic acid+Calcium hypochlorite+-Calcium hypochlorite++Chloroacetadehyde, 45%+++Chlorobutane+++Chlorobutane+++Chlorobutane+++Chlorobutane+++Chlorobutane+++Chlorobutane <td>Amino acids</td> <td>+</td> <td></td>	Amino acids	+	
Ammonium chloride+Ammonium fluoride+Ammonium sulfate+ $n-Amyl acetate$ + $Amyl alcohol (Pentanol)$ + $Amyl chloride$ + $(Chloropentane)$ + $Aniline$ + $Barium chloride$ + $Barium chloride$ + $Benzaldehyde$ + H +Benzene (Benzol)+ $+$ +Benzole (Petroleum benzine), bp 70-180 °C+ $Benzyl chloride$ + H +Benzyl alcohol+ H +Benzyl alcohol+ H +Benzylchloride+ H +Butanediol+ H +Butyl acetate+ H +Butyl acetate+ H +Butyl acetate+ H +Calcium chloride+ $Calcium chloride+H+Calcium hydroxide+Calcium hydroxide+H+Chloroacetaldehyde, 45%+H+Chlorobanene+$	Ammonia, 20%	+	+
Ammonium fluoride+Ammonium sulfate+Anmonium sulfate+Anmyl acetate+Amyl alcohol (Pentanol)+Amyl chloride+(Chloropentane)+Aniline+H+Barium chloride+Benzaldehyde+Benzene (Benzol)+H+Benzene (Benzol)+H+Benzene (Benzol)+H+Benzyl chloride+H+Benzyl alcohol+H+Benzyl chloride+H+Benzyl chloride+H+Benzyl alcohol+H+Bornobenzene+H+Bromobenzene+H+Butanediol+H+Butyl acetate+H+Butyl acetate+H+Butylic acid+Calcium chloride+Calcium hydroxide+Calcium hydroxide+Calcium hydroxide+H+Chloroacetaldehyde, 45%+H+Chlorobutane+H+Chlorobutane+H+Chlorobutane+H+Chlorobutane+H+Chlorobutane+H<	Ammonia, 20-30%		+
Ammonium sulfate+n-Amyl acetate+ $+$ +Amyl alcohol (Pentanol)+ $+$ +Amyl chloride+(Chloropentane)+Aniline+ $+$ +Barium chloride+Benzine (Benzol)+ $+$ +Benzine (Petroleum ben- zine), bp 70-180 °CBenzoyl chloride+ $+$ Benzyl alcohol+ $+$ Benzyl chloride+ $+$ Benzyl chloride+ $+$ Benzyl alcohol+ $+$ Borica acid, 10%+ $+$ Bromobenzene+ $+$ Butanediol+ $+$ 1-Butanol+ $+$ Butyl acetate+ $+$ Butyl methyl ether+ $+$ Butyl molonite+Calcium carbonate+Calcium hydroxide+Calcium hydroxide+ $+$ Chloro naphthalene+ $+$ Chloroacetaldehyde, 45%+ $+$ Chlorobarene+ $+$		+	
n-Amyl acetate++Amyl alcohol (Pentanol)++Amyl chloride++(Chloropentane)++Aniline++Barium chloride++Benzaldehyde++Benzine (Petroleum ben- zine), bp 70-180 °C+Benzine (Petroleum ben- zine), bp 70-180 °C+Benzine (Petroleum ben- zine), bp 70-180 °C+Benzine (Detroleum ben- zine), bp 70-180 °C+Benzyl chloride+++Benzyl chloride+++Benzyl chloride+++Boric acid, 10%+++Bromobenzene+++Butanediol+++Butyl acetate+++Butyl acetate+++Butyl methyl ether+++Butylinine+++Calcium chloride+Calcium hydroxide+Calcium hydroxide+++Chloro naphthalene+++Chloroacetaldehyde, 45%+++Chlorobutane+++Chlorobutane+++Chlorobutane+++Chlorobutane+++Chlorobutane+++ <tr< td=""><td></td><td>+</td><td></td></tr<>		+	
Amyl alcohol (Pentanol)++Amyl chloride+(Chloropentane)+Aniline+Barium chloride+Benzaldehyde+H+Benzaldehyde+Benzene (Benzol)+++Benzole (Petroleum ben- zine), bp 70-180 °CBenzol chloride++Benzyl alcohol++Benzyl chloride++Benzyl chloride++Benzyl chloride++Bromobenzene++Bromonaphthalene++Hatanol++Butyl acetate++Butyl acetate++Butyl acetate++Calcium chloride+Calcium hydroxide+Calcium hydroxide+Calcium hydroxide++Chloro naphthalene++Chloroacetic acid++Chloroacetic acid++Chloroacetaldehyde, 45%++Chlorobutane++Chlorobutane++Chlorosulfonic acid+Chlorosulfonic acid+Chlorosulfonic acid+Chlorosulfonic acid+Chlorosulfonic acid+Chlorosulfonic acid+Chromic acid, 50%+<			
Amyl chloride (Chloropentane)+Aniline+Harium chloride+Benzuldehyde+Benzaldehyde+Benzaldehyde+Benzene (Benzol)+H+Benzene (Petroleum ben- zine), bp 70-180 °CBenzol chloride+H+Benzyl alcohol+H+Benzyl chloride+H+Benzyl chloride+H+Benzylchloride+H+Bromobenzene+H+Bromonaphthalene+H+Butanediol+H+Butyl acetate+H+Butyl acetate+H+Calcium chloride+Calcium hydroxide+Calcium hydroxide+Calcium hydroxide+Chloro naphthalene+H+Chloroacetiadehyde, 45%+HChloroacetiadehyde, 45%H+Chlorobutane+H+Chlorobutane+H+Chlorosulfonic acid+H+Chlorosulfonic acid+H+Chlorosulfonic acid+H+Chlorosulfonic acid+H+Chlorosulfonic acid+H+Chlorosulfonic acid <td></td> <td>+</td> <td>+</td>		+	+
(Chloropentane)+Aniline++Aniline++Barium chloride++Benzaldehyde++Benzene (Benzol)++Benzine (Petroleum ben- zine), bp 70-180 °C+Benzyl chloride++Benzyl chloride++Benzyl chloride++Benzyl chloride++Benzyl chloride++Benzyl chloride++Benzylchloride++Boric acid, 10%++Bromobenzene++Bromonaphthalene++Butanediol++Butyl acetate++Butyl acetate++Butyl acetate++Butyl acetade++Calcium carbonate++Calcium hydroxide++Calcium hydroxide++Chloro naphthalene++Chloroacetic acid++Chloroacetic acid++Chloroacetic acid++Chlorobutane++Chlorobutane++Chlorosulfonic acid++Chlorosulfonic acid++Chlorosulfonic acid++Chlorosulfonic acid++Chlorosulfonic acid++Chlorosulfonic acid++Chlorosulfonic acid++ <t< td=""><td>Amyl alcohol (Pentanol)</td><td>+</td><td>+</td></t<>	Amyl alcohol (Pentanol)	+	+
Aniline++Barium chloride++Benzuldehyde++Benzaldehyde++Benzene (Benzol)++Benzine (Petroleum ben- zine), bp 70-180 °C+Benzyl chloride++Benzyl alcohol++Benzyl alcohol++Benzylchloride++Benzylchloride++Benzylchloride++Bromobenzene++Harmonaphthalene++Hutanediol++1-Butanol++Nutyl acetate++Butyl methyl ether++Butylamine++Calcium chloride+-Calcium hydroxide+-Calcium hydroxide++Chloro naphthalene++Chloroacetic acid++Chloroacetic acid++Chlorobutane++Chlorobutane++Chlorobutane++Chlorosulfonic acid, 50%++Chromic acid, 50%++Chromosulfuric acid++Chorosulfonic acid++Chromic acid, 50%++Chromosulfuric acid++Chromosulfuric acid++Chromosulfuric acid++Chromosulfuric acid++Chromosulfuric acid++ <td></td> <td></td> <td>+</td>			+
Benzaldehyde++Benzene (Benzol)++Benzene (Petroleum ben- zine), bp 70-180 °C+Benzyl chloride++Benzyl alcohol++Benzyl alcohol++Benzylanine++Benzylchloride++Boric acid, 10%++Bromobenzene++Bromobenzene++Butanediol++1-Butanol++Nettyl acetate++Butyl methyl ether++Butylamine++Butylamine++Calcium carbonate+-Calcium hydroxide+-Calcium hydroxide++Chloroacetaldehyde, 45%++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene <td></td> <td>+</td> <td>+</td>		+	+
Benzaldehyde++Benzene (Benzol)++Benzene (Petroleum ben- zine), bp 70-180 °C+Benzyl chloride++Benzyl alcohol++Benzyl alcohol++Benzylanine++Benzylchloride++Boric acid, 10%++Bromobenzene++Bromobenzene++Butanediol++1-Butanol++Nettyl acetate++Butyl methyl ether++Butylamine++Butylamine++Calcium carbonate+-Calcium hydroxide+-Calcium hydroxide++Chloroacetaldehyde, 45%++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene++Chlorobazene <td>Barium chloride</td> <td></td> <td></td>	Barium chloride		
Benzene (Benzol)++Benzine (Petroleum benzine), bp 70-180 °C+Benzoyl chloride+Benzyl alcohol+++Benzyl alcohol+++Benzylchloride+++Benzylchloride+++Benzylchloride+++Benzylchloride+++Boric acid, 10%+++Bromobenzene+++Bromobenzene+++Butanediol+++Butyl acetate+++Butyl acetate+++Butyl acetate+++Butylamine+++Butylamine+++Calcium carbonate+Calcium hypochlorite+Calcium hypochlorite++-Chloroacetia acid+++Chloroacetia acid+++Chlorobanzene+++Chlorobutane+++Chlorobutane+++Chlorobutic acid+++Chlorobutane+++Chlorobutic acid+++Chlorosulfonic a			+
Benzine (Petroleum ben- zine), bp 70-180 °C+Benzoyl chloride++Benzyl alcohol++Benzylamine++Benzylchloride++Benzylchloride++Benzylchloride++Boric acid, 10%++Bromobenzene++Bromonaphthalene++Butanediol++1-Butanol++n-Butyl acetate++Butyl methyl ether++Butyric acid++Calcium carbonate+-Calcium hydroxide+-Calcium hydroxide++Chloro naphthalene++Chloroacetia caid++Chloroacetic acid++Chlorobenzene++Chlorobutane++Chlorobutane++Chlorobutane++Chlorosulfonic acid+Chromosulfuric acid++Chorosulfonic acid+Chromosulfuric acid+Copper sulfate+Cresol+Cresol+		+	
Benzoyl chloride + + Benzyl alcohol + + Benzylamine + + Benzylchloride + + Benzylchloride + + Boric acid, 10% + + Bromobenzene + + Bromobapthalene + + Butanediol + + 1-Butanol + + n-Butyl acetate + + Butyl methyl ether + + Butyl acetate + + Calcium carbonate + + Calcium hydroxide + + Calcium hydroxide + +			
Benzyl alcohol + + Benzylamine + + Benzylchloride + + Benzylchloride + + Boric acid, 10% + + Bromobenzene + + Bromobenzene + + Bromohaphthalene + + Butanediol + + 1-Butanol + + n-Butyl acetate + + Butyl acetate + + Calcium hydroxide + + Chloro acetaldehyde, 45% + + <t< td=""><td></td><td>+</td><td>+</td></t<>		+	+
Benzylamine++Benzylchloride++Boric acid, 10%++Bromobenzene++Bromohaphthalene++Butanediol++1-Butanol++n-Butyl acetate++Butyl acetate++Butyl acetate++Butyl acetate++Butyl acetate++Butyl acetate++Butyl acetate++Calcium carbonate++Calcium hydroxide+-Calcium hydroxide++Calcium hydroxide++Chloro naphthalene++Chloroacetic acid++Chloroacetic acid++Chlorobutane++Chloroform++Chloroform++Chlorosulfonic acid++Chromic acid, 50%++Copper sulfate++Cresol++			
Benzylchloride++Boric acid, 10%++Bromobenzene++Bromonaphthalene++Butanediol++1-Butanol++1-Butyl acetate++Butyl acetate++Butyl methyl ether++Butylamine++Butylic acid++Calcium carbonate+-Calcium chloride+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Chloro naphthalene++Chloroacetaldehyde, 45%++Chloroacetic acid++Chlorobutane++Chlorobutane++Chloroform++Chlorosulfonic acid++Chromic acid, 50%++Chromosulfuric acid++Copper sulfate++Cresol++			
Boric acid, 10%++Bromobenzene++Bromonaphthalene++Butanediol++1-Butanol++1-Butanol++n-Butyl acetate++Butyl methyl ether++Butylamine++Butylamine++Calcium carbonate+-Calcium chloride+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Chloro naphthalene++Chloroacetia caid++Chloroacetone++Chlorobutane++Chlorobutane++Chlorosulfonic acid++Chromic acid, 50%++Chromosulfuric acid++Chorosulfonic acid++Chromosulfuric acid++Copper sulfate++Cresol++			+
Bromobenzene++Bromonaphthalene++Bromonaphthalene++Butanediol++1-Butanol++n-Butyl acetate++Butyl acetate++Butyl acetate++Butyl acetate++Butyl acetate++Butyl acetate++Butyl acetate++Butyl acetate++Calcium carbonate++Calcium hydroxide++Calcium hydroxide++Calcium hydroxide++Calcium hydroxide++Chloro naphthalene++Chloroacetic acid++Chloroacetic acid++Chlorobutane++Chlorobutane++Chloroform++Chlorosulfonic acid++Chromosulfuric acid++Copper sulfate++Cresol++			+
Butanediol++Butanediol++1-Butanol++n-Butyl acetate++Butyl methyl ether++Butylamine++Butylamine++Butylamine++Calcium carbonate+-Calcium carbonate+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide++Chloro naphthalene++Chloroacetic acid++Chloroacetic acid++Chlorobutane++Chlorobutane++Chloroform++Chlorosulfonic acid++Chromosulfuric acid++Copper sulfate++Cresol++		+	+
Butanediol++Butanediol++1-Butanol++n-Butyl acetate++Butyl methyl ether++Butylamine++Butylamine++Butylamine++Calcium carbonate+-Calcium carbonate+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide+-Calcium hydroxide++Chloro naphthalene++Chloroacetic acid++Chloroacetic acid++Chlorobutane++Chlorobutane++Chloroform++Chlorosulfonic acid++Chromosulfuric acid++Copper sulfate++Cresol++	Bromonaphthalene	+	+
1-Butanol + + n-Butyl acetate + + Butyl methyl ether + + Butylamine + + Butylamine + + Butyric acid + + Calcium carbonate + - Calcium carbonate + - Calcium hydroxide + - Calcium hypochlorite + - Chloroacetaldehyde, 45% + + Chloroacetone + + Chlorobutane + + Chlorobutane + + Chlorobutane + + Chlorobutane + + Chlorobutic acid, 50% + + Chromosulfuric acid + + Copper sulfate + + <		+	+
n-Butyl acetate++Butyl methyl ether++Butylamine++Butyric acid++Calcium carbonate+-Calcium carbonate+-Calcium hydroxide+-Calcium hypochlorite+-Carbon tetrachloride++Chloro naphthalene++Chloroacetaldehyde, 45%++Chloroacetic acid++Chlorobenzene++Chlorobutane++Chloroform++Chlorosulfonic acid++Chromosulfuric acid++Copper sulfate++Cresol++			
Butyl methyl ether++Butylamine++Butyric acid++Butyric acid++Calcium carbonate+-Calcium hydroxide+-Calcium hypochlorite+-Carbon tetrachloride++Chloro naphthalene++Chloroacetaldehyde, 45%++Chloroacetic acid++Chlorobenzene++Chlorobutane++Chloroform++Chlorosulfonic acid+Chromosulfuric acid+Chorper sulfate+Cresol+		+	+
Butylamine++Butylamine++Butyric acid++Calcium carbonate+-Calcium chloride+-Calcium hypochlorite+-Carbon tetrachloride++Chloro naphthalene++Chloroacetaldehyde, 45%++Chloroacetaldehyde, 45%++Chlorobutane++Chlorobutane++Chlorosulfonic acid++Chromosulfuric acid++Copper sulfate++Cresol++		+	+
Butyric acid++Calcium carbonate+Calcium chloride+Calcium hydroxide+Calcium hypochlorite+Carbon tetrachloride+Carbon tetrachloride+Chloro naphthalene+++Chloroacetaldehyde, 45%+++Chloroacetica ccid+++Chlorobutane+++Chlorobutane+++Chlorosulfonic acid+Chromic acid, 50%+++Copper sulfate+Cresol+		+	+
Calcium chloride+Calcium hydroxide+Calcium hypochlorite+Carbon tetrachloride+Carbon tetrachloride+Chloro naphthalene+++Chloroacetaldehyde, 45%+++Chloroacetic acid+++Chloroacetone+++Chlorobutane+++Chloroform++Chlorosulfonic acidChromic acid, 50%++Copper sulfate-+Cresol+		+	+
Calcium hydroxide+Calcium hypochlorite+Carbon tetrachloride+Carbon tetrachloride+Chloro naphthalene+Chloroacetaldehyde, 45%+++Chloroacetic acid+++Chloroacetone+++Chlorobutane+++Chloroform+Chlorosulfonic acid+Chromic acid, 50%++Copper sulfate-+Coresol+	Calcium carbonate	+	
Calcium hydroxide+Calcium hypochlorite+Carbon tetrachloride+Carbon tetrachloride+Chloro naphthalene+Chloroacetaldehyde, 45%+++Chloroacetic acid+++Chloroacetone+++Chlorobutane+++Chloroform+Chlorosulfonic acid+Chromic acid, 50%++Copper sulfate-+Coresol+		+	
Calcium hypochlorite+Carbon tetrachloride+Carbon tetrachloride+Chloro naphthalene+Chloroacetaldehyde, 45%+Chloroacetaldehyde, 45%+Chloroacetone+Chloroacetone+++Chlorobutane+++Chloroform+Chlorosulfonic acid+Chromic acid, 50%+Chromsulfuric acid+Copper sulfate+Cresol+		+	
Chloro naphthalene++Chloroacetaldehyde, 45%++Chloroacetic acid++Chloroacetone++Chlorobutane++Chloroform++Chlorosulfonic acid+Chromosulfuric acid+Chromosulfuric acid+Copper sulfate+Cresol+			
Chloroacetaldehyde, 45% + + Chloroacetic acid + + Chloroacetic acid + + Chlorobenzene + + Chlorobutane + + Chloroform + + Chlorosulfonic acid + + Chromosulfuric acid + + Copper sulfate + + Cresol + +	Carbon tetrachloride		+
Chloroacetic acid + + Chloroacetone + + Chlorobenzene + + Chlorobutane + + Chromosulfunic acid + + Copper sulfate + + Cresol + +	Chloro naphthalene	+	+
Chloroacetic acid + + Chloroacetone + + Chlorobenzene + + Chlorobutane + + Chromosulfunic acid + + Copper sulfate + + Cresol + +	Chloroacetaldehyde, 45%	+	+
Chlorobenzene + + Chlorobutane + + Chloroform + + Chlorosulfonic acid + + Chromic acid, 50% + + Chromosulfuric acid + + Copper sulfate + + Cresol + +	Chloroacetic acid	+	+
Chlorobutane + + Chloroform + Chlorosulfonic acid + Chromic acid, 50% + + Chromosulfuric acid + Copper sulfate + Cresol +	Chloroacetone	+	+
Chloroform + Chlorosulfonic acid + Chromic acid, 50% + Chromosulfuric acid + Copper sulfate + Cresol +	Chlorobenzene	+	+
Chlorosulfonic acid + Chromic acid, 50% + Chromosulfuric acid + Copper sulfate + Cresol +	Chlorobutane	+	+
Chromic acid, 50% + + Chromosulfuric acid + Copper sulfate + Cresol +	Chloroform		+
Chromosulfuric acid + Copper sulfate + Cresol +	Chlorosulfonic acid		+
Copper sulfate + Cresol +	Chromic acid, 50%	+	+
Copper sulfate + Cresol +	Chromosulfuric acid	+	
		+	
Cumene (Isopropyl benzene) + +			+
	Cumene (Isopropyl benzene)	+	+

Reagent	Disp. III	Disp. Organic
Cyclohexane		+
Cyclohexanone	+	+
Cyclopentane		+
Decane	+	+
1-Decanol	+	+
Dibenzyl ether	+	+
Dichloroacetic acid		+
Dichlorobenzene	+	+
Dichloroethane		+
Dichloroethylene		+
Dichloromethane		+
Diesel oil (Heating oil), bp 250-350°C		+
Diethanolamine	+	+
Diethyl ether		+
Diethylamine	+	+
1.2 Diethylbenzene	+	+
Diethylene glycol	+	+
Dimethyl sulfoxide (DMSO)	+	+
Dimethylaniline	+	
Dimethylformamide (DMF)	+	+
1.4 Dioxane		+
Diphenyl ether	+	+
Essential oil		+
Ethanol	+	+
Ethanolamine	+	+
Ethyl acetate	+	+
Ethylbenzene		+
Ethylene chloride		+
Fluoroacetic acid		+
Formaldehyde, 40%	+	
Formamide	+	+
Formic acid, 100%		+
Glycerol	+	+
Glycol (Ethylene glycol)	+	+
Glycolic acid, 50%	+	
Heating oil (Diesel oil), bp 250-350 °C		+
Heptane		+
Hexane		+
Hexanoic acid	+	+
Hexanol	+	+
Hydriodic acid	+	+
Hydrobromic acid		+
Hydrochloric acid, 20%	+	+
Hydrochloric acid, 20-37%		+
Hydrogen peroxide, 35%		+
Isoamyl alcohol	+	+
Isobutanol	+	+
Isooctane		+
Isopropanol (2-Propanol)	+	+
Isopropyl ether	+	+
Lactic acid	+	
Methanol	+	+
Methoxybenzene	+	+
Methyl benzoate	+	+
Methyl butyl ether	+	+
Methyl ethyl ketone	+	+
Methyl formate	+ +	+ +
Methyl propyl ketone	+ +	+ +
	F	1.

Reagent	Disp. III	Disp. Organic
Mineral oil (Engine oil)	+	+
Monochloroacetic acid	+	+
Nitric acid, 30%	+	+
Nitric acid, 30-70% *		+
Nitrobenzene	+	+
Oleic acid	+	+
Oxalic acid	+	
n-Pentane		+
Peracetic acid		+
Perchloric acid	+	+
Perchloroethylene		+
Petroleum, bp 180-220 °C		+
Petroleum ether, 40-70 °C		+
Phenol	+	+
Phenylethanol	+	+
Phenylhydrazine	+	+
Phosphoric acid, 85%	+	+
Phosphoric acid, 85% +	+	+
Sulfuric acid, 98%, 1:1		· ·
Piperidine	+	+
Potassium chloride	+	
Potassium dichromate	+	
Potassium hydroxide	+	
Potassium permanganate	+	
Propionic acid	+	+
Propylene glycol (Propanediol)	+	+
Pyridine	+	+
Pyruvic acid	+	+
Salicylaldehyde	+	+
Scintilation fluid	+	+
Silver acetate	+	
Silver nitrate	+	
Sodium acetate	+	
Sodium chloride	+	
Sodium dichromate	+	
Sodium fluoride	+	
Sodium hydroxide, 30%	+	
Sodium hypochlorite	+	
Sulfuric acid, 98%	+	+
Tartaric acid	+	
Tetrachloroethylene		+
Tetrahydrofuran (THF) */**		+
Tetramethylammonium hydroxide	+	
Toluene		+
Trichloroacetic acid		+
Trichlorobenzene		+
Trichloroethane		+
Trichloroethylene		+
Trichlorotrifluoro ethane		+
Triethanolamine	+	+
Triethylene glycol	+	+
Trifluoro ethane		+
Trifluoroacetic acid (TFA)		+
Turpentine		+
Urea	+	
Xylene		+
Zinc chloride, 10%	+	
Zinc sulfate, 10%	+	

☐ For dispensing HF, we recommend the use of the Dispensette[®] TA bottle-top dispenser with platinum-iridium valve spring (Cat. No. 4740 041).

* use ETFE/PTFE bottle adapter ** use PTFE seal for valve block

The above recommendations reflect testing completed prior to publication. Always follow instructions in the operating manual of the instrument as well as the reagent manufacturer's specifications. In addition to these chemicals, a variety of organic and inorganic saline solutions (e.g., biological buffers), biological detergents and media for cell culture can be dispensed. Should you require information on chemicals not listed, please feel free to contact BRAND. Status as of 0314/12

Areas of application

Bases	Saline solutions	Acids	Organic solve polar	Hydrofluoric acid (HF)
Dispensette [®] III				
		Dispensette [®] Organic		
				Dispensette [®] TA

Methylene chloride



SafetyPrime™ recirculation valves

priming. Pack of 1.

Reduces solvent waste during



Discharge tubes with integrated valve

Pack of 1.

Description	Cat. No.
 for Dispensette[®] III 0.5 ml for Dispensette[®] III 1-100 ml for Dispensette[®] Organic for Dispensette[®] TA, Platinum-iridium for Dispensette[®] TA, Tantalum 	7060 81 7060 80 7060 90 7060 86 7060 87

Description Nominal Shape Length Cat. No. volume ml mm 7079 15 90 ■ for Dispensette[®] III 0.5, 1, 2, 5, 10 fine tip 5,10 90 7079 16 standard 25, 50, 100 7079 17 standard 120 25, 50, 100 fine tip 120 7079 18 ■ for Dispensette[®] Organic 0.5, 1, 2, 5, 10 fine tip 90 7079 35 5.10 standard 90 7079 36 25, 50, 100 standard 120 7079 37 25, 50, 100 fine tip 120 7079 38 □ für Dispensette® TA 10 Platinum-iridium 90 7079 55 □ für Dispensette® TA 10 Tantalum 90 7079 56

Filling valve with sealing washer

Pack of 1.

Description	Nominal volume ml	Cat. No.
for Dispensette® III, Dispensette® Organic for Dispensette® III, Dispensette® Organic	0,5, 1, 2, 5, 10 25, 50, 100	6697 6698
for Dispensette® TA	10	6622

Dispensing cartridge with safety ring

Nominal volume 10 ml, calibrated, incl. quality certificate. Pack of 1.

7075 42 Cat. No.





Flexible discharge tubing

PTFE, coiled, length 800 mm, with handle. Not suitable for HF! Pack of 1.

3378 38218/

Description	Nominal volume ml	Cat. No.
for Dispensette [®] III and Organic	1, 2, 5, 10	7079 25
for Dispensette [®] III and Organic	25, 50, 100	7079 26
for Dispensette® TA, Platinum-iridium	10	7079 45
for Dispensette® TA, Tantalum	10	7079 46

Bottle Stand PP. Support rod 325 mm,

Cat. No.

Base plate 220 x 160 mm, Weight 1.130 g. Pack of 1.

7042 75



Additional accessories can be found at www.brand.de

BRAND[®], Dispensette[®] and SafetyPrime[™] are trademarks of BRAND GMBH + CO KG, Germany.

Our technical literature is intended to inform and advise our customers. However, the validity of general empirical values, and of results obtained under test conditions, for specific applications depends on many factors beyond our control. Please appreciate, therefore, that no claims can be derived from our advice. The user is responsible for checking the appropriateness of the product for any particular application.

Subject to technical modification without notice. Errors excepted.



BRAND GMBH + CO KG · P.O. Box 1155 · 97861 Wertheim · Germany Phone: +49 9342 808-0 · Fax: +49 9342 808-98000 · E-Mail: info@brand.de · Internet: www.brand.de

