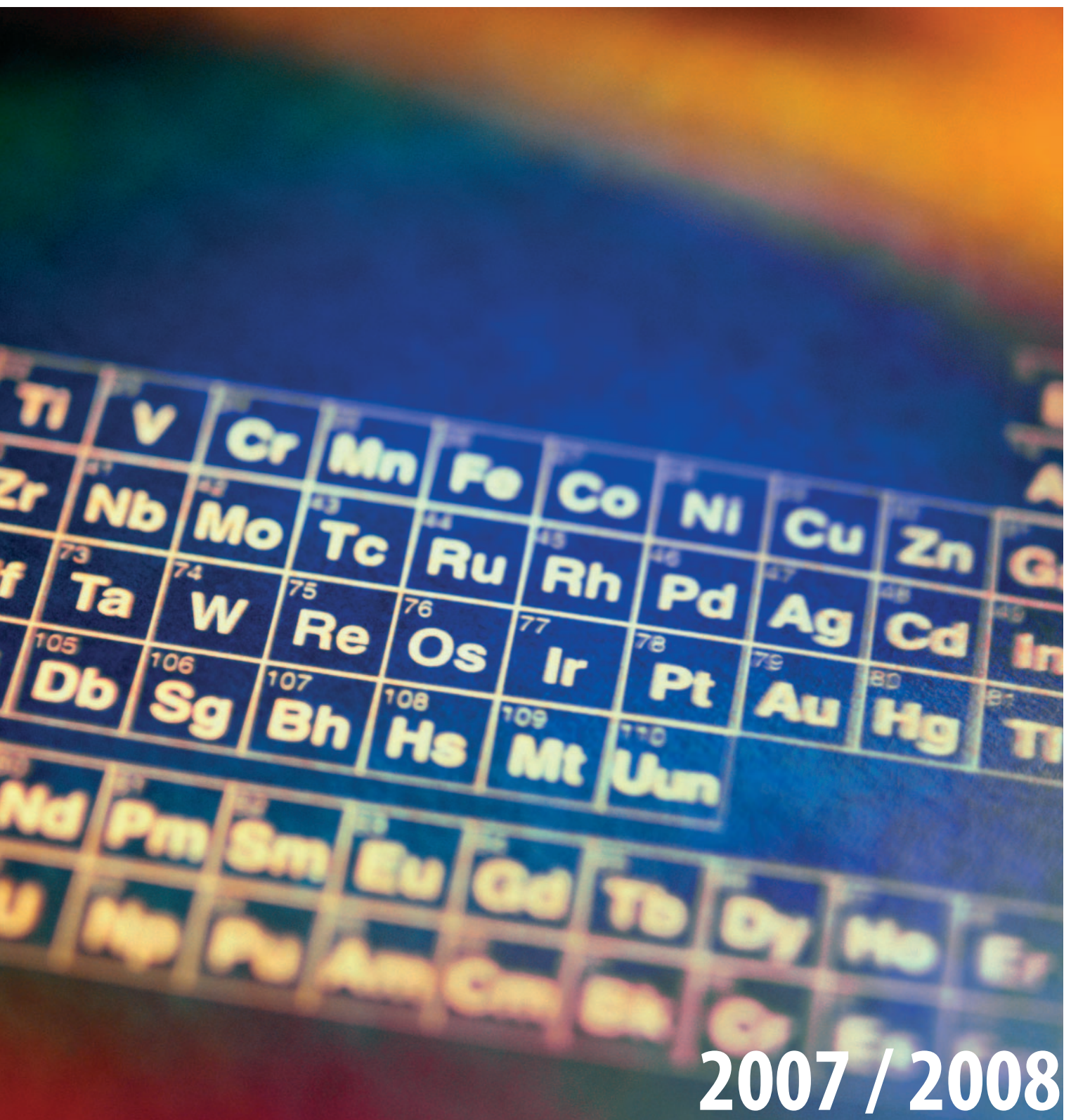


**ratiolab<sup>®</sup>**

*disposables for sciences*



**2007 / 2008**

**Lab-Ware**

## The ratiolab® Product Range

For more than 30 years ratiolab® is developing in close co-operation with its customers professional solutions for the laboratory routine, the research and the development.

Our product range is structured in four applicational branches: Cryo Products for ultra-low temperature applications, Life Science for applications in the modern biological disciplines, Liquid Handling for the safe and precise handling of liquids and Lab Ware for general laboratory use.

The quality of our product range is certified according to DIN EN ISO 9001:2000 and guarantees the safe and practical application of ratiolab® products.



## Your Questions are Our Future



We serve our customers and distributors world-wide with competent advice, a competitive product range, and excellent reliability. Our products are presented at the most important national and international exhibitions. Our laboratory distribution partners are regularly supported by individual trainings. Together with our partners we grow continuously, but we do not grow taller than they.

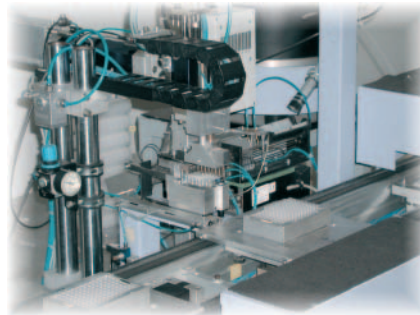
## OEM and Private Label made by ratiolab®

Our experience and competence in producing demanding plastic disposables is your guarantee for our most competitive development and production of customized OEM and Private Label products. Ultra-modern CAD technology and the brilliant art of the toolmakers form the base for the short product development cycles and the premium quality. Cavity by cavity, bulk by bulk, product by product. We give any support regarding the product development, the production and the market conform make up and packaging.



## Customized Make Up and Packaging

Highest flexibility is provided for the make up and packaging of the products. Fully automatic and semi automatic machines hardface cuvet racks, micro-tube racks or pipet tip racks and fill up bulkware. We will also find the optimum solution for your customized product range. We will develop your robotic conform



packagings according to your demands on the product purity and even for small series we will customize the packaging of your products according to the different national demands.

Our remarkable high production and warehouse capacities guarantee delivery on schedule.

## ratiolab® - Your Partner for Complete Solutions

When planning your product solution for tomorrow we will give you competent advice. Our team provides detailed answers to your questions regarding the product, a fast and flexible development process, a most professional high-tech production and delivery on schedule at really competitive terms.

## Dear customers

Our ratiolab<sup>®</sup> product range is continuously growing and developing to provide the optimum tools for your modern laboratory methods and processes. The actual product range is now presented in our four new catalog editions, marked with the year 2007/2008 at the front page.

The new catalogs can also be downloaded from the world wide web: [www.ratiolab.com](http://www.ratiolab.com) in German and English language. If you like to continuously receive more information on new ratiolab<sup>®</sup> products in future please send us your request by mail.

No catalog will be able to answer the manifold of technical and applicational questions completely. Our employees will give you more detailed information on your specific questions. The ratiolab<sup>®</sup> team will also support you for special product solutions or individual applicational questions.

To a successful co-operation.

Your  
Johannes Frauendörfer  
Managing Director



## Brief information:

Our catalogs are intended for informational purposes only. However errors might be possible. Please appreciate therefore that no claims can be derived from our information and advice. Technical details are subject to alteration without notice. Pictures are for illustration only. They may not necessarily correspond to the described product in every detail. Dimensions given without any mention of tolerances are approximate values. Registered trademarks are indicated with <sup>®</sup>, we do not guarantee for correctness and completeness.

valid from 01/2007

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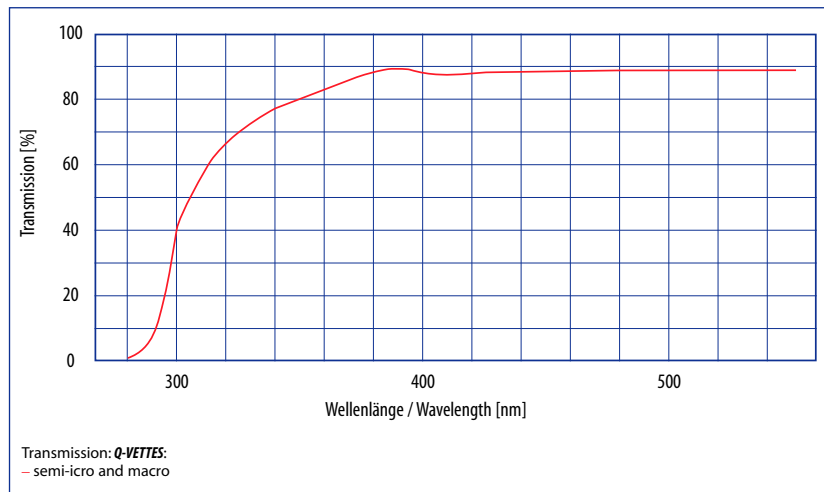
# Lab-Ware

## ratiolab® Cuvets

### ratiolab® Q-VETTES

The new generation of cuvettes with clearly improved photometric properties. The new optimized form and the small wall thickness of the cuvettes provides increased heat transfer resulting in more constant sample temperatures during photometric measurements.

- glass clear polystyrene (PS).
- **applicable wavelength range 340 to 900 nm**
- very low variation of extinction values
- excellent optical transmission range
- path length 10 mm
- outer dimensions 10 x 10 x 45 mm
- supplied in two practical packagings:  
eco-pack: 100 cuvettes on an environmentally friendly PS-tray in a cardboard box  
supplied in practical styrofoam racks: 100 cuvettes in a styrofoam box with a re-sealable cover



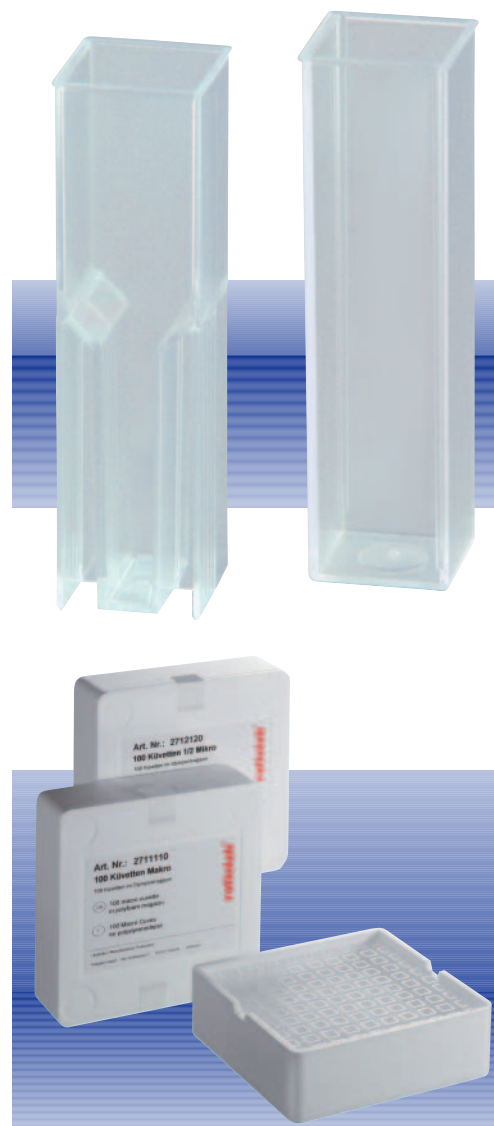
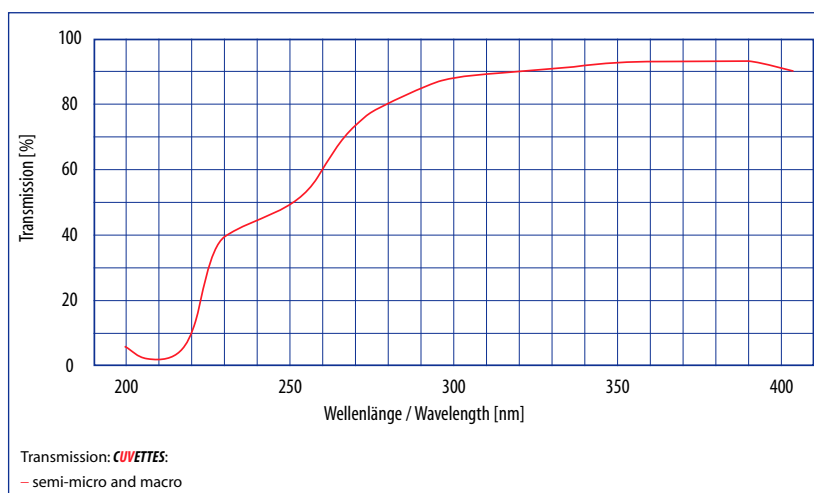
Product	Description	Volume	Windows	Packaging	Quantity per Pack	Order Number
ratiolab® Q-VETTES semi-micro	PS	1.6 ml	2	eco-packs 10 x 100	2	27 12 010
ratiolab® Q-VETTES semi-micro	PS	1.6 ml	2	styrofoam racks 10 x 100	1	27 12 120
ratiolab® Q-VETTES macro	PS	4.0 ml	2	eco-packs 10 x 100	2	27 11 010
ratiolab® Q-VETTES macro	PS	4.0 ml	2	styrofoam racks 10 x 100	1	27 11 110

## ratiolab® CUVETTES

For photometric measurements even in the uv-range.

Due to the special plastic material and the excellent manufacturing process the cuvettes are also applicable in photometric ranges reserved for uv-glass-cuvets in the past.

- applicable wavelength range 220 to 900 nm
- very low variation of extinction values
- excellent optical transmission range
- path length 10 mm
- outer dimensions 10 x 10 x 45 mm
- supplied in practical styrofoam racks: 100 cuvettes in a styrofoam box with a re-sealable cover



Product	Description	Volume	Windows	Packaging	Quantity per Pack	Order Number
ratiolab® CUVETTES semi-micro	UV	1.6 ml	2	styrofoam rack 1 x 100	100	27 22 120
ratiolab® CUVETTES macro	UV	4.0 ml	2	styrofoam rack 1 x 100	100	27 22 110

## Stopper for Cuvets

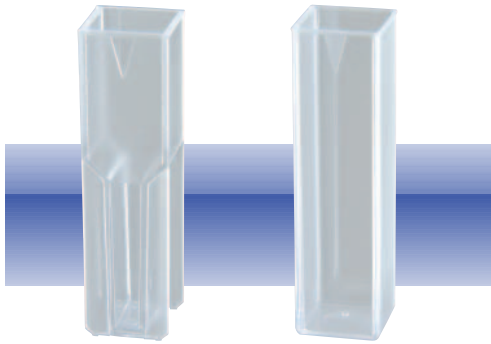
Polypropylene

- for all ratiolab® cuvettes
- packed in 1 plastic bag of 1000 pieces

Product	Packaging	Quantity per Pack	Order Number
Stopper for cuvettes	bag 1 x 1 000	1000	28 12 011

# Lab-Ware

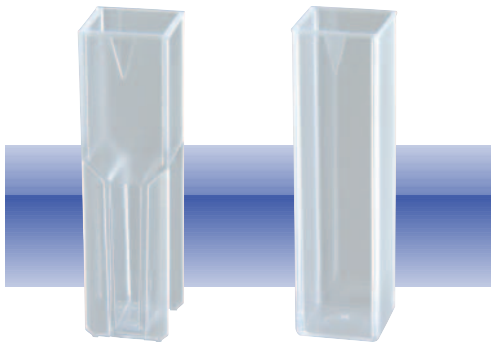
## ratiolab® Cuvets



### ratiolab® Cuvets of PMMA

- cuvettes of polymethylmethacrylat (PMMA)
- applicable wavelength range 300 to 900 nm
- very low variation of extinction values
- excellent optical transmission range
- path length 10 mm
- outer dimensions 10 x 10 x 45 mm
- supplied in practical styrofoam racks: 100 cuvettes in a styrofoam box with a re-sealable cover

Product	Description	Volume	Windows	Packaging	Quantity per Pack	Order Number
ratiolab® semi-micro cuvettes	PMMA	1.6 ml	2	styrofoam racks 10 x 100	1 000	28 10 100
ratiolab® macro cuvettes	PMMA	4.0 ml	2	styrofoam racks 10 x 100	1 000	28 11 110



### ratiolab® Cuvets, Solvent Resistant

- resistant against polar solvents
- very low variation of extinction values
- excellent optical transmission range
- path length 10 mm
- outer dimensions 10 x 10 x 45 mm
- supplied in practical styrofoam racks: 100 cuvettes in a styrofoam box with a re-sealable cover

Product	Description	Volume	Windows	Packaging	Quantity per Pack	Order Number
ratiolab® semi-micro cuvettes	solvent resistant	1.6 ml	2	styrofoam racks 1 x 100	100	27 25 120
ratiolab® macro cuvettes	solvent resistant	4.0 ml	2	styrofoam racks 1 x 100	100	27 25 110

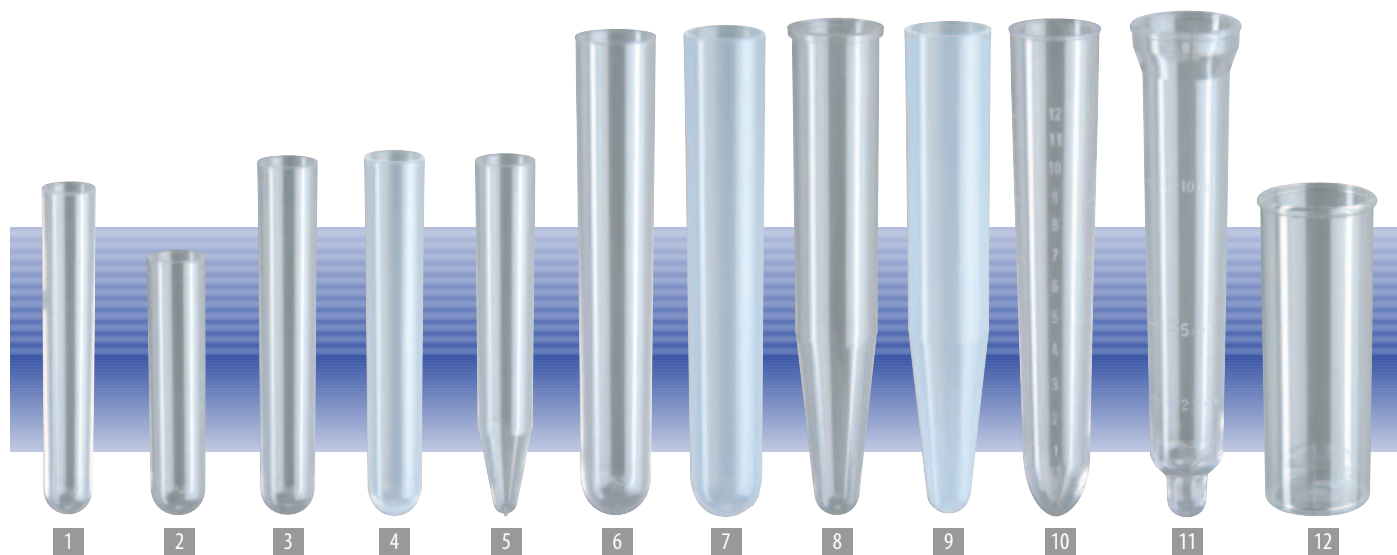


### ratiolab® Macro-Special-Cuvets

- with 4 optical windows
- very low variation of extinction values
- excellent optical transmission range
- path length 10 mm
- outer dimensions 10 x 10 x 45 mm
- supplied in practical styrofoam racks: 100 cuvettes in a styrofoam box with a re-sealable cover

Product	Description	Volume	Windows	Packaging	Quantity per Pack	Order Number
macro-special-cuvets	PS	4.0 ml	4	styrofoam racks 5 x 100	500	27 13 010

# Test Tubes and Stoppers



## Test Tubes

Clear polystyrene (PS) or translucent polypropylene (PP).

Product	Fig. No.	Size Dia. x H	Material	Volume	Bottom	Packaging	Quantity per Pack	Order Number
RIA tubes	1	11 x 70	PS	4 ml	round	bags 1 x 1 000	1 000	35 14 040
coagulometer tubes	2	12 x 55	PS	4 ml	round	bags 1 x 1 000	1 000	30 14 030
test tubes	3	12 x 75	PS	5 ml	round	bags 1 x 1 000	1 000	35 14 030
test tubes	4	12 x 75	PP	5 ml	round	bags 1 x 1 000	1 000	35 14 031
test tubes	5	12 x 75	PS	4.5 ml	conical	bags 1 x 1 000	1 000	37 14 040
test tubes	6	16 x 100	PS	12 ml	round	bags 1 x 1 000	1 000	37 14 010
test tubes	7	16 x 100	PP	12 ml	round	bags 1 x 1 000	1 000	38 14 010
test tubes	8	17 x 103	PS	12 ml	round	bags 1 x 1 000	1 000	37 14 020
test tubes	9	17 x 103	PP	12 ml	conical	bags 1 x 1 000	1 000	38 14 020
test tubes	10	18 x 115	PS	12 ml	conical	bags 2 x 500	1 000	35 20 000
test tubes	11	18 x 115	PS	12 ml	round	bags 1 x 1 500	1 500	36 22 000
test tubes	12	22 x 65	PS	20 ml	flat	bags 2 x 900	1 800	50 15 650

## Stoppers, Diameter 11 - 12 mm

Polypropylene (PP).

- very tight seal due to 2 sealing rings
- available in natural and 6 more colors

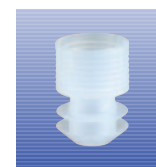


Color	Packaging	Quantity per Pack	Order Number
natural	bags 1 x 1 000	1 000	35 14 900
blue	bags 1 x 1 000	1 000	35 14 90B
grün	bags 1 x 1 000	1 000	35 14 90G
red	bags 1 x 1 000	1 000	35 14 90R
black	bags 1 x 1 000	1 000	35 14 90S
white	bags 1 x 1 000	1 000	35 14 90W
yellow	bags 1 x 1 000	1 000	35 14 90Y

## Stoppers, Diameter 16 - 17 mm

Polypropylene (PP).

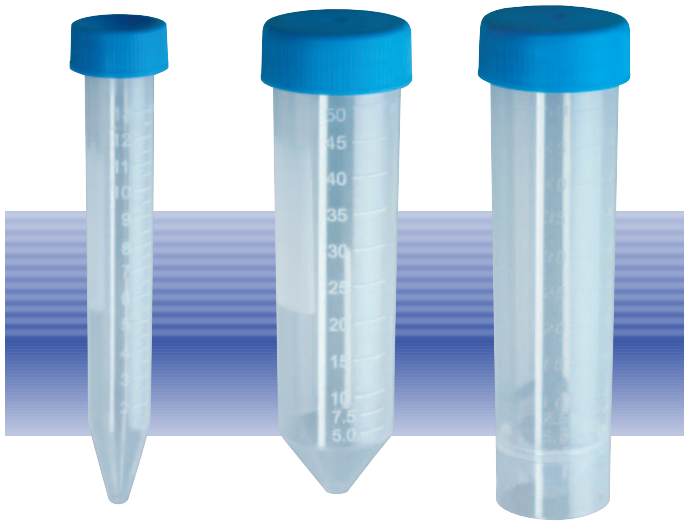
- very tight seal due to 2 sealing rings
- available in natural and 6 more colors



Color	Packaging	Quantity per Pack	Order Number
natural	bags 1 x 1 000	1 000	39 14 900
blue	bags 1 x 1 000	1 000	39 14 90B
green	bags 1 x 1 000	1 000	39 14 90G
red	bags 1 x 1 000	1 000	39 14 90R
black	bags 1 x 1 000	1 000	39 14 90S
white	bags 1 x 1 000	1 000	39 14 90W
yellow	bags 1 x 1 000	1 000	39 14 90Y

# Lab-Ware

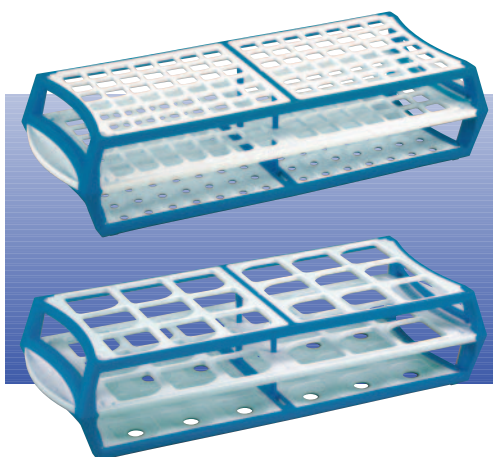
## Centrifuge Tubes and Racks



### Centrifuge Tubes, 15 and 50 ml

- Polypropylene.
- with conical bottom or self-standing
  - with printed graduation and marking area
  - steril or non-sterile
  - with blue screw cap

Volume ml	Description	Sterile	Size Ø x H	Packaging	Quantity per Pack	Order Number
15	conical		17 x 120	cardboard box 1 x 750	750	33 00 005
15	conical	■	17 x 120	cardboard box 1 x 750	750	33 00 006
50	conical		30 x 115	cardboard box 1 x 300	300	33 00 001
50	conical	■	30 x 115	cardboard box 1 x 300	300	33 00 002
50	self-standing		30 x 115	cardboard box 1 x 250	250	33 00 003
50	self-standing	■	30 x 115	cardboard box 1 x 250	250	33 00 004

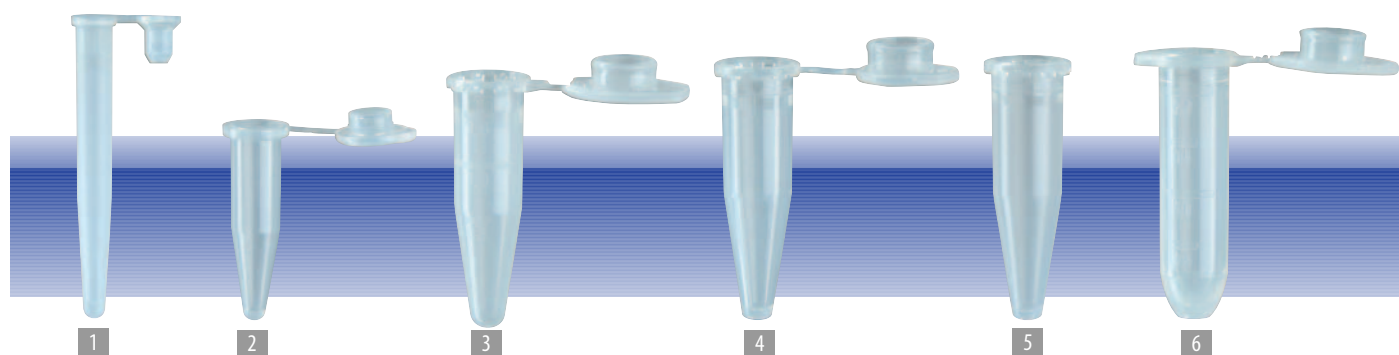


### Racks for Centrifuge Tubes 15 and 50 ml

- Polypropylene.
- for centrifuge tubes 15 ml or test tubes up to 17 mm diameter
  - for centrifuge tubes 50 ml or test tubes up to 30 mm diameter

For	Positions	Color	Quantity per Pack	Order Number
15 ml / Ø 17 mm	5 x 12	blue	1	37 10 001
15 ml / Ø 17 mm	5 x 12	orange	1	37 10 003
15 ml / Ø 17 mm	5 x 12	yellow	1	37 10 005
50 ml / Ø 30 mm	3 x 6	blue	1	37 10 002
50 ml / Ø 30 mm	3 x 6	orange	1	37 10 004
50 ml / Ø 30 mm	3 x 6	yellow	1	37 10 006

## Microcentrifuge Tubes and Micro Centrifuge



### Microcentrifuge Tubes, PP

Translucent polypropylene (PP), natural color or different colors for comfortable identification.

- tight sealing cap
- safe and easy to be opened and closed

Volume	Fig. No.	Cap	Color	Packaging	Quantity per Pack	Order Number
0.4 ml Beckman	1	■	natural	1 x 1 000	1 000	56 15 400
0.5 ml	2	■	natural	1 x 1 000	1 000	56 15 030
1.5 ml	3	■	natural	1 x 1 000	1 000	56 15 000
1.5 ml	-	■	yellow	1 x 1 000	1 000	56 15 001
1.5 ml	-	■	green	1 x 1 000	1 000	56 15 002
1.5 ml	-	■	red	1 x 1 000	1 000	56 15 003
1.5 ml	-	■	blue	1 x 1 000	1 000	56 15 004
1.5 ml	-	■	lilac	1 x 1 000	1 000	56 15 005
1.5 ml flat bottom	4	■	natural	1 x 1 000	1 000	56 15 040
1.5 ml	5	without	natural	1 x 1 000	1 000	56 15 020
2.0 ml	6	■	natural	1 x 1 000	1 000	56 15 101
2.0 ml	-	without	natural	1 x 1 000	1 000	56 15 102

### Micro Centrifuge for PCR Strips and Microcentrifuge Tubes

Space and energy saving micro centrifuge with reasonable power for routine centrifugations.

- for two PCR strips of 8 tubes, 0.2 ml or 8 microcentrifuge tubes 0.5 to 2.0 ml
- speed 6000/min, RCA 1177 x g
- lid must be closed for operation mode
- safety: the lid can only be opened when the rotor is not rotating
- rapid start and stop within seconds
- power supply 230 V, 50 Hz, 10 W
- diameter 120 mm, height 140 mm, weight 500 g
- supplied completely with two rotors for two PCR strips of 8 tubes, 0.2 ml and 8 microcentrifuge tubes 0.5 to 2.0 ml

Product	Quantity per Pack	Order Number
Micro Centrifuge with two rotors	1	71 00 006



## Microcentrifuge Tubes with Screw Cap and Color Code Inserts



### Microcentrifuge Tubes with Screw Cap and Lip Sealing

Tubes of transparent polypropylene, screw caps of PE-HD.  
Ideal for storage and centrifugation.  
- for centrifugations up to 17 000 g  
packed in cardboard boxes of 1 000 pieces.

Volume	Description	Quantity per Pack	Order Number
0.5 ml	self-standing	1000	56 16 001
1.5 ml	self-standing	1000	56 16 002
1.5 ml	conical	1000	56 16 003
2.0 ml	self-standing	1000	56 16 004
2.0 ml	conical	1000	56 16 005



### Microcentrifuge Tubes with Screw Cap and O-Ring Sealing

Tubes and screw caps of transparent polypropylene.  
Ideal for storage and centrifugation.  
- for centrifugations up to 17 000 g  
packed in cardboard boxes of 1 000 pieces.

Volume	Description	Quantity per Pack	Order Number
0.5 ml	self-standing	1000	56 16 021
1.5 ml	self-standing	1000	56 16 022
1.5 ml	conical	1000	56 16 023
2.0 ml	self-standing	1000	56 16 024
2.0 ml	conical	1000	56 16 025



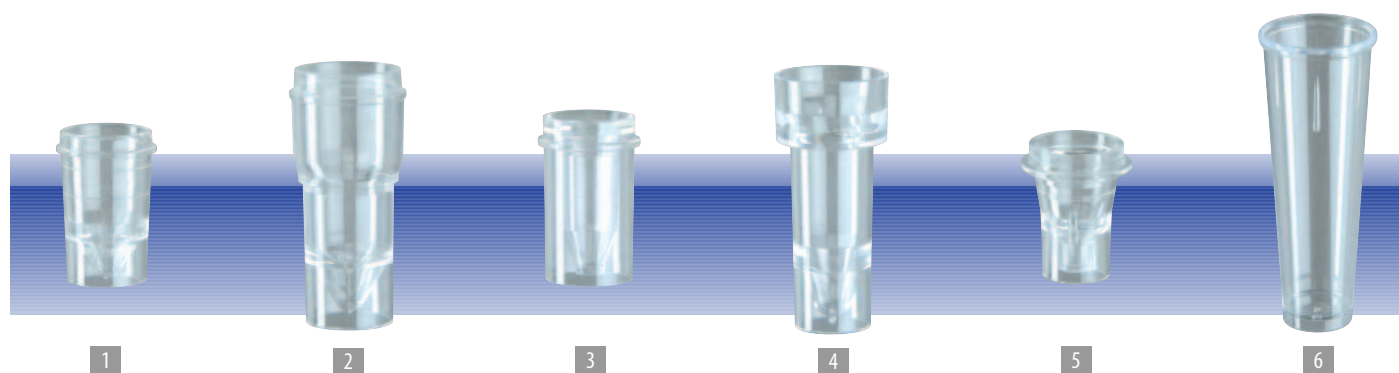
### Color Code Inserts for Microcentrifuge Tubes with Screw Cap

Polypropylene. Packed in PE bags of 100 pieces.

Color	Quantity per Pack	Order-Number
white	500	56 16 041
red	500	56 16 042
blue	500	56 16 043
green	500	56 16 044
yellow	500	56 16 045
lilac	500	56 16 046
assorted, 5 bags of 100 pieces, white, red, blue, yellow, lilac	500	56 16 047

# Lab-Ware

## Vessels for Analytical Systems



### Analysis Beakers, PS

Clear polystyrene.

- high precision design for use with robotic analytical systems

Product	Fig. No.	Volume	Material	Packaging	Quantity per Pack	Order Number
analysis beakers Technicon T1	1	2.0 ml	PS	1 x 1 000	1 000	57 00 110
analysis beakers Technicon T2	2	3.5 ml	PS	1 x 1 000	1 000	57 00 120
analysis beakers Gemaec G1	3	0.5 ml	PS	1 x 1 000	1 000	57 00 200
analysis beakers Hitachi H1	4	3.0 ml	PS	1 x 1 000	1 000	57 00 401
analysis beakers Kodak	5	1.5 ml	PS	1 x 1 000	1 000	57 00 700
beakers for flame photometers	6	6.0 ml	PS	1 x 1 000	1 000	57 00 660

### Scintillation Vessels, PE-LD

Natural polyethylene (PE-LD).

- high precision design for use with robotic analytical systems

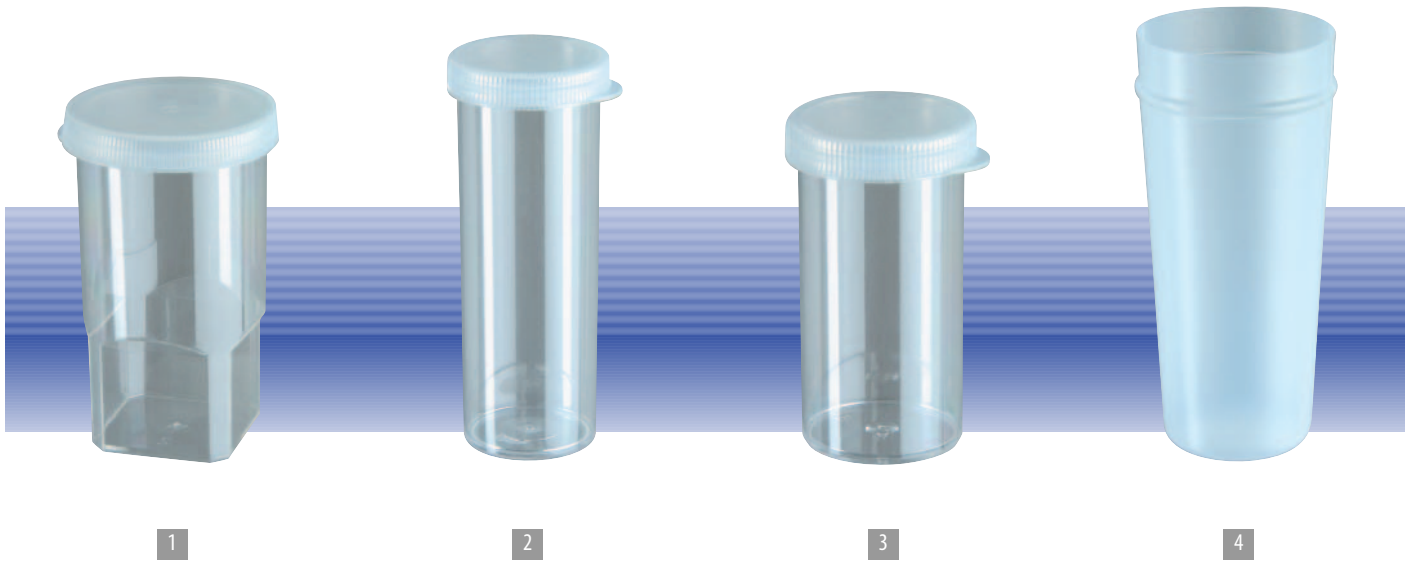
- insert tubes with special leakproof cap

- comfortable opening and closing



Product	Fig. No.	Volume	Size Dia. x H	Packaging	Quantity per Pack	Order Number
scintillation bottles with cap	1	20 ml	27 x 60 mm	carton 1 x 1 000	1 000	58 10 100
caps for scintillation bottles	-	-	-	carton 1 x 1 000	1 000	58 10 10D
insert tubes with caps for scintillation bottles	2	5 ml	14 x 56 mm	carton 2 x 1 000	2 000	58 10 110
caps for insert tubes	-	-	-	carton 1 x 1 000	1 000	58 10 11D

## Lab-Ware Cellcounter Vials



### Cellcounter Container, PS

Clear polystyrene (PS). TOA container of polypropylene (PP).  
- high precision design for use with robotic analytical systems

Product	Fig. No.	Volume	Material	Packaging	Quantity per Pack	Order Number
<b>for Coulter<sup>®</sup> and Hycl<sup>®</sup> cellcounter systems</b>						
Cell-Coun-Tainer 1 with lid	1	25 ml	PS	PS-trays 20 x 50	1 000	55 15 010
Cell-Coun-Tainer 1 with lid	1	25 ml	PS	bags 4 x 250	1 000	55 15 040
Cell-Coun-Tainer 1 without lid	-	25 ml	PS	bags 4 x 250	1 000	55 15 041
lids for Cell-Coun-Tainer 1	-	-	PS	bags 1 x 1 000	1 000	55 15 04D
<b>for cellcounter systems with cylindrical containers, e.g. Al<sup>®</sup> and Linson<sup>®</sup></b>						
Cell-Coun-Tainer 2 with lid	2	20 ml	PS	bags 1 x 1000	1 000	55 15 050
lids for Cell-Coun-Tainer 2	-	-	PS	bags 1 x 1 000	1 000	55 15 05D
Cell-Coun-Tainer 3 with lid	3	13 ml	PS	bags 4 x 500	2 000	55 15 060
Cell-Coun-Tainer 3 without lid	-	13 ml	PS	bags 4 x 500	2 000	55 15 061
lids for Cell-Coun-Tainer 3	-	-	PS	bags 1 x 1 000	1 000	55 15 06D
<b>for TOA<sup>®</sup> cellcounter systems</b>						
Cellcounter Container „TOA“	4	-	PP	bags 60 x 50	3 000	55 15 080

# Lab-Ware

## Waste Disposal Bags

### ratiolab® Waste Disposal Bag, BIOHAZARD Quality

Autoclavable disposable waste bag of very strong PP-film with a broad seam at the bottom. For the sterilisation and disposal of hazardous and contaminated labware.

- with BIOHAZARD sticker and safety imprint in english - french - german languages
- autovlavable at 140 °C. For autoclaving the bag must not be closed firmly.
- film thickness 50 µm

Size W x L	Packaging	Quantity per Pack	Order Number
300 x 500 mm	cardboard box 1 x 500	500	70 02 100
400 x 780 mm	cardboard box 1 x 500	500	70 02 150
600 x 800 mm	cardboard box 1 x 500	500	70 02 200
700 x 1100 mm	cardboard box 1 x 350	350	70 02 300

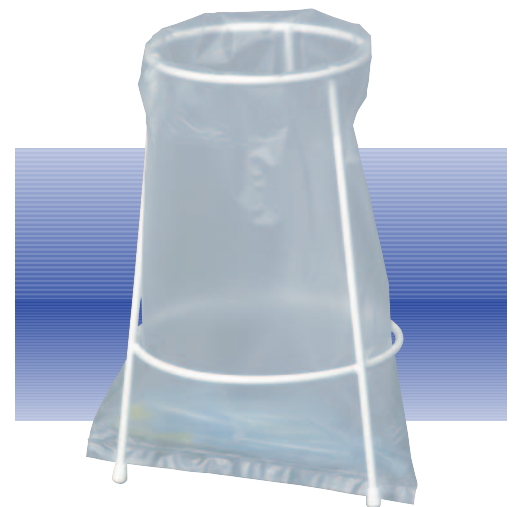


### ratiolab® Waste Disposal Bag, Standard

Bags of very strong PP-film with a broad seam at the bottom. For the disposal of contaminated labware.

- autovlavable at 140 °C. For autoclaving the bag must not be closed firmly.
- film thickness 50 µm
- practicable bench top stand, plastic coated, with 3 rubber feet, for bag size 200 x 300 mm

Size W x L	Packaging	Quantity per Pack	Order Number
200 x 300 mm	dispenser 1 x 100	100	70 01 000
300 x 500 mm	cardboard box 1 x 500	500	70 01 100
400 x 780 mm	cardboard box 1 x 500	500	70 01 150
600 x 800 mm	cardboard box 1 x 500	500	70 01 200
700 x 1100 mm	cardboard box 1 x 350	350	70 01 300
bench top stand for waste disposal bags 200 x 300 mm		1	70 01 400
set consisting of bench top stand and 100 waste disposal bags 200 x 300 mm		1	70 01 401



### ratiolab® Waste Disposal Bag, High Transparency

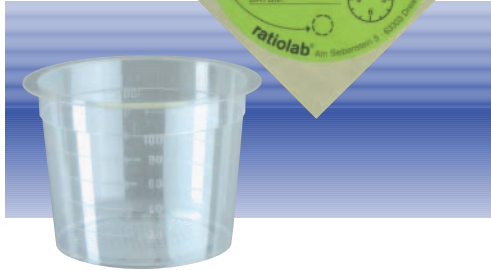
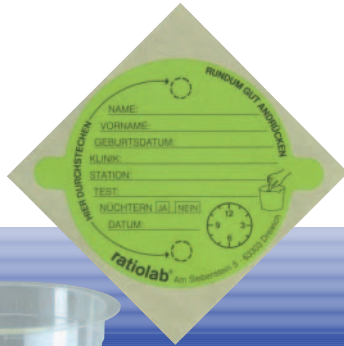
Bags of very strong PP-film with a broad seam at the bottom. For the disposal of contaminated labware.

- autovlavable at 121 °C. For autoclaving the bag must not be closed firmly.
- film thickness 50 µm
- practicable bench top stand, plastic coated, with 3 rubber feet, for bag size 200 x 300 mm

Size W x L	Packaging	Quantity per Pack	Order Number
200 x 300 mm	dispenser 1 x 100	100	70 01 005
300 x 500 mm	cardboard box 1 x 500	500	70 01 105
400 x 780 mm	cardboard box 1 x 500	500	70 01 155
600 x 800 mm	cardboard box 1 x 500	500	70 01 205
700 x 1100 mm	cardboard box 1 x 350	350	70 01 305
bench top stand for waste disposal bags 200 x 300 mm		1	70 01 400
set consisting of bench top stand and 100 waste disposal bags 200 x 300 mm		1	70 01 405



**ratiolab® "Uri-Lab" Urine Beaker System**



**ratiolab® Urine Beakers "Uri-Lab"**

- Glass clear polystyrene (PS).
- volume 100 ml
- self-adhesive film cover, leakproof and easily labelled
- comfortable sampling, the film cover can be pierced with pipet tips
- practicable packaging, 50 urine beakers are stacked in PE-bags for use with the "Uri-Lab" Beaker Dispenser

Product	Packaging	Quantity per Pack	Order Number
ratiolab® urine beakers "Uri-Lab" with cover	bags 20 x 50	1 000	59 21 170
ratiolab® urine beakers "Uri-Lab" without cover	bags 20 x 50	1 000	59 21 171
self-adhesive film covers for urine beakers "Uri-Lab"	bags 1 x 500	500	59 21 160

**ratiolab® Beaker Tray for Urine Beakers "Uri-Lab"**

- Robust plastics with easy to clean surface.
- for 10 ratiolab® urine beakers "Uri-Lab"



Product	Quantity per Pack	Order Number
ratiolab® beaker tray "Uri-Lab"	1	59 21 200



**ratiolab® Beaker Dispenser for Urine Beakers "Uri-Lab"**

- Robust plastics with easy to clean surface.
- for 50 ratiolab® urine beakers "Uri-Lab"
- for individual beaker dispensing
- glass clear dispenser door for refills makes stock visible
- separate side box for stocking of self-adhesive film covers

Product	Quantity per Pack	Order Number
ratiolab® beaker dispenser "Uri-Lab"	1	59 21 190

## Urine Beakers and Urine Collection Bottles

### Urine Beakers with Snap-On Lid

- Polypropylene (PP).
- red snap-on lid with pouring lip
- volume 125 ml
- graduation 25 ml
- non-sterile

Product	Packaging	Quantity per Pack	Order Number
urine beakers with snap-on lid	cardboard box 1 x 500	500	59 21 180
urine beakers without snap-on lid	cardboard box 1 x 1 000	1 000	59 21 179
snap-on lid for urine beakers	cardboard box 1 x 1 000	1 000	59 21 150



### Urine Beakers with Screw-On Lid

- Polypropylene (PP).
- with red screw-on lid
- volume 125 ml
- graduation 25 ml
- non-sterile or sterile individually packed

Product	Packaging	Quantity per Pack	Order Number
urine beakers with screw-on lid, non-sterile	cardboard box 1 x 500	500	59 21 182
urine beakers with screw-on lid, sterile	bags 400 x 1	400	59 21 183



### Urine Collecting Bottles

- Polyethylene, blue translucent.
- For 24 h urine collection
- with graduation
- light protection
- wide neck diameter 80 mm
- 2 sizes, 2 and 2.5 l

Product	Packaging	Quantity per Pack	Order Number
urine collecting bottles 2 l with white inscription	cardboard box 1 x 72	72	59 22 200
urine collecting bottles 2.5 l with self-adhesive labels	cardboard box 1 x 60	60	59 22 250
lids for für urine collecting bottles 2 and 2.5 l	cardboard box 1 x 100	100	59 22 204
self-adhesive labels for urine collecting bottles 2.5 l	cardboard box 1 x 100	100	59 22 253



**Petri Dishes, Inoculating Loops and Needles, Incubator**



**Petri Dishes, non-sterile**

Transparent polystyrene (PS).

Size Ø x H	Description	Packaging	Quantity per Pack	Order Number
55 x 14 mm	with vents	PE-bags 1 x 1 620	1 620	90 50 006
90 x 14 mm	with vents	PE-bags 1 x 600	600	90 50 000
90 x 14 mm	without vents	PE-bags 1 x 600	600	90 50 001
143 x 21 mm	with vents	PE-bags 1 x 176	176	90 50 004
90 x 14 mm	2 compartments	PE-bags 1 x 480	480	90 50 002
90 x 14 mm	3 compartments	PE-bags 1 x 600	600	90 50 003
65 x 15 mm	with numbered sections	PE-bags 1 x 675	675	90 50 005

**Inoculating Loops, Needles, Spatulas**

- color coded
- gamma sterile
- hexagonal handle for safe handling
- sterile individually packed in easy to open peel-packs



Product	Color	Packaging	Quantity per Pack	Order Number
1 µl inoculating loops	green	4 boxes of 50 peel-packs of 10	2 000	70 20 100
1 µl inoculating loops	green	4 boxes of 50 peel-packs of 20	4 000	70 20 110
10 µl inoculating loops	blue	4 boxes of 50 peel-packs of 10	2 000	70 20 200
10 µl inoculating loops	blue	4 boxes of 50 peel-packs of 20	4 000	70 20 210
inoculating needles	violet	4 boxes of 50 peel-packs of 20	4 000	70 20 300
spatulas	blue	box of 200 peel-packs of 5	1 000	70 20 400



**ratiolab® thermocult Incubator**

Compact incubator for bacteriology. Fixed temperature setting at 35 ±2 °C. With built-in control thermometer. Glass clear door for visual control. The incubator can be placed on work benches or be mounted on walls or underneath boards.

- inside size (W x D x H): 210 x 145 x 110 mm, for up to 20 tissue cultures or 8 petri dishes
- outside size (W x D x H): 300 x 170 x 150 mm
- weight: approx. 1.3 kg, mains: 220 V, 30 W

Product	Quantity per Pack	Order Number
ratiolab® thermocult	1	90 22 000
shelf for thermocult incubator	1	90 22 001

## Ear Tips, Ear Funnels, Cleanibag

### Ear Tips Ear Funnels

- Of plastics, available in 5 colors.
- for Heine, Riester and KaWe otoscopes
  - high precision
  - no sharp edges
  - the hygienic disposable alternative



Product	Description	Packaging	Quantity per Pack	Order Number
ear tips 2.5 mm	black	bag 1 x 1 000	1 000	10 20 330
ear tips 2.5 mm	grey	bag 1 x 1 000	1 000	10 20 230
ear tips 2.5 mm	blue	bag 1 x 1 000	1 000	10 20 230B
ear tips 2.5 mm	green	bag 1 x 1 000	1 000	10 20 230G
ear tips 2.5 mm	red	bag 1 x 1 000	1 000	10 20 230R
ear tips 4.0 mm	black	bag 1 x 1 000	1 000	10 20 331
ear tips 4.0 mm	grey	bag 1 x 1 000	1 000	10 20 231
ear tips 4.0 mm	blue	bag 1 x 1 000	1 000	10 20 231B
ear tips 4.0 mm	green	bag 1 x 1 000	1 000	10 20 231G
ear tips 4.0 mm	red	bag 1 x 1 000	1 000	10 20 231R

### Ear Funnels

- Of black plastics.
- for Heine, Riester and KaWe otoscopes
  - high precision
  - no sharp edges
  - the hygienic disposable alternative



Product	Description	Packaging	Quantity per Pack	Order Number
ear funnels 2.5 mm	black	bag 1 x 1 000	1 000	10 20 240
ear funnels 4.0 mm	black	bag 1 x 1 000	1 000	10 20 241

### ratiolab® Cleanibag-System

- All purpose bags of PE with self-adhesive strip for clinical and laboratory use.
- self-adhesive strip, sticks on smooth and clean surfaces (e.g. walls, work benches, beds, bedside tables)
  - residue-free removable
- On request: other sizes, including for intensive care, bags with custom made imprint



Size	Packaging	Quantity per Pack	Order Number
200 x 300 mm	cardboard box 1 x 1 000	1 000	70 00 250
300 x 300 mm	cardboard box 1 x 1 000	1 000	70 00 260
300 x 450 mm	cardboard box 1 x 1 000	1 000	70 00 270







**Ratiolab GmbH**  
Am Siebenstein 5  
D-63303 Dreieich-Buchschlag

Tel. ++49(0)6103 / 300 25-0  
Fax ++49(0)6103 / 300 25-55

E-Mail [info@ratiolab.com](mailto:info@ratiolab.com)  
Web [www.ratiolab.com](http://www.ratiolab.com)