



We are exclusive partner of TPP



**Complete TPP product stock
is deliverable within 24 hours**

Special Catalog TPP - Products 2024

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TPP tissue culture flask

The opto-mechanical surface activation from TPP enhances cell adhesion and cell growth.

100% access of pipettes, tissue scrapers and the tissue spatula from TPP.

Due to the geometry of the neck no dead corners = 100% cell retrieval.

Quality features of the **tissue culture flask:**

- Surface activated, uniform flat growth surface
- Geometry of the neck reduces risk of media slop over
- Crystal clear transparency
- Stable and slip-free stacking of multiple flasks
- Highly visible bilateral marking areas
- White volume graduations for optic control of the filling volume



Growth Surface cm ²	Version	Volume ml		Dimension External mm	Sterile Sub-Bag	Purchase No.	Qty Case	Price CHF
		Max.	Recommend					
25	VENT	15	3-8	92 x 51 x 29	10	TPP90025	360	406.00
25	filter	15	3-8	92 x 51 x 29	10	TPP90026	360	417.00
75	VENT	65	8-22	155 x 87 x 40	5	TPP90075	100	215.00
75	filter	65	8-22	155 x 87 x 40	5	TPP90076	100	234.00
150	VENT	165	15-45	210 x 122 x 50	3	TPP90150	36	167.00
150	filter	165	15-45	210 x 122 x 50	3	TPP90151	36	174.00
300	VENT	410	30-85	275 x 170 x 50	3	TPP90300	18	160.00
300	filter	410	30-85	275 x 170 x 50	3	TPP90301	18	167.00



TPP tissue culture flask

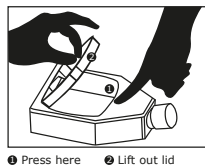
With re-closable lid or peel-off foil

Growth Surface cm ²	Description	Volume ml		Dimension External mm	Sterile Sub-Bag	Purchase No.	Qty Case	Price CHF
		Max.	Recommend					
25	with peel-off foil	15	3-8	92 x 51 x 31	5	TPP90028	70	546.00
75	with peel-off foil	65	8-22	155 x 87 x 45	2	TPP90078	32	370.00
150	with lid	100	15-45	210 x 122 x 50	3	TPP90552	18	271.00
150	with peel-off foil, optimized notch	100	15-45	210 x 122 x 50	3	TPP90153	18	215.00
300	with peel-off foil	200	30-85	270 x 170 x 55	2	TPP90303	8	132.00
115	with lid, with barrier	100	15-33	210 x 122 x 50	3	TPP90652	18	268.00
115	with peel-off foil, with barrier, optimized notch	100	15-33	210 x 122 x 50	3	TPP90653	18	220.00



Quality features of the **tissue culture flask** with **re-closable lid**:

- A multi-use re-closable liquid-tight lid
- Complete access from above with free moving space
- Stable, slip-free stacking of multiple flasks, in combination with the standard TPP tissue culture flasks
- Optionally available with barrier which creates a growth area of 115 cm²



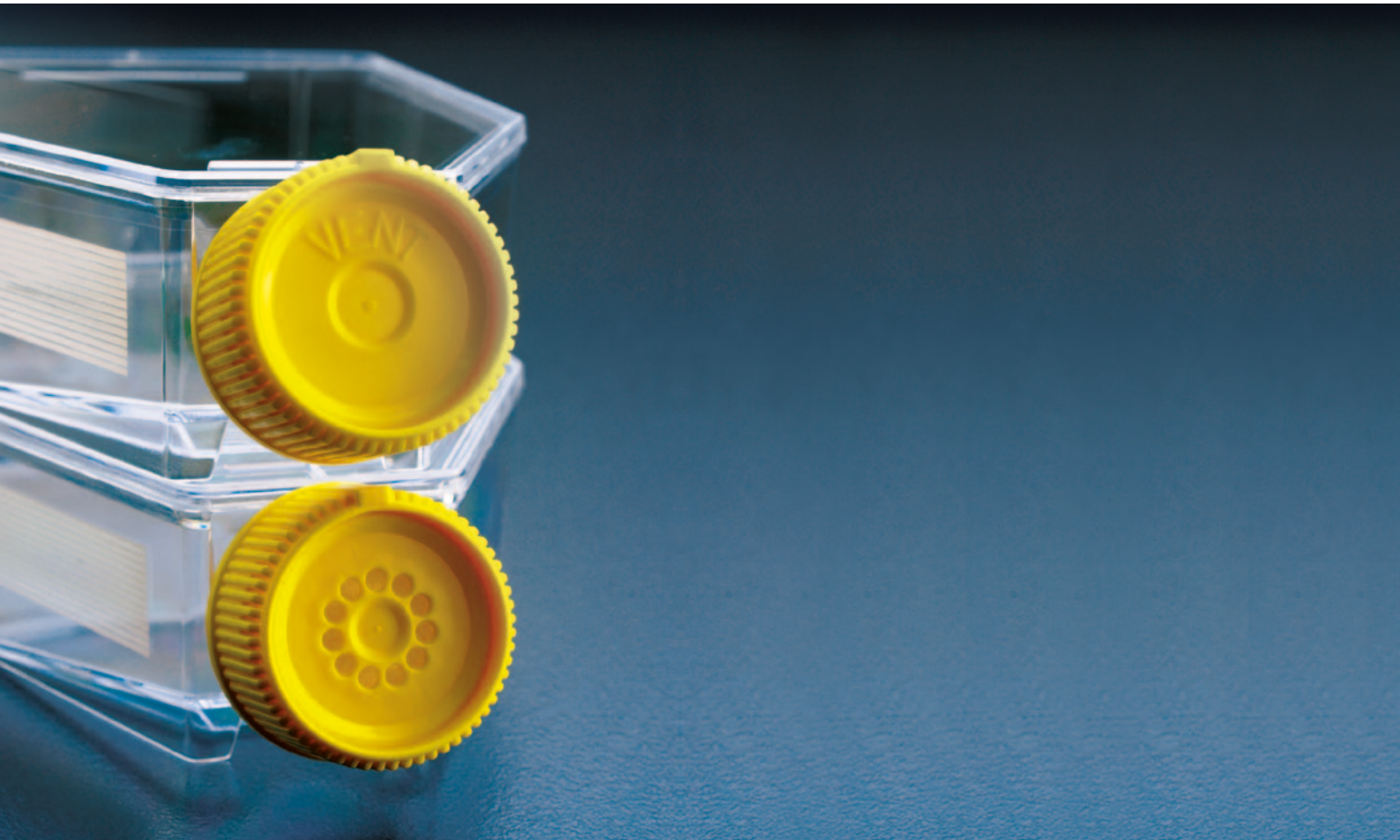
Quality features of the **tissue culture flask** with **peel-off foil**:

- The foil can be gripped and peeled off at the given flap with ease
Reclosure of this flask is not possible
- Powerful foil sealing
- Multilayer foil material
- Optionally available with barrier which creates a growth area of 115 cm²

Both flasks are available with filter screw cap only. If a "VENT" screw cap is used, the build up of pressure (max. 0,03 bar) could open the flask.



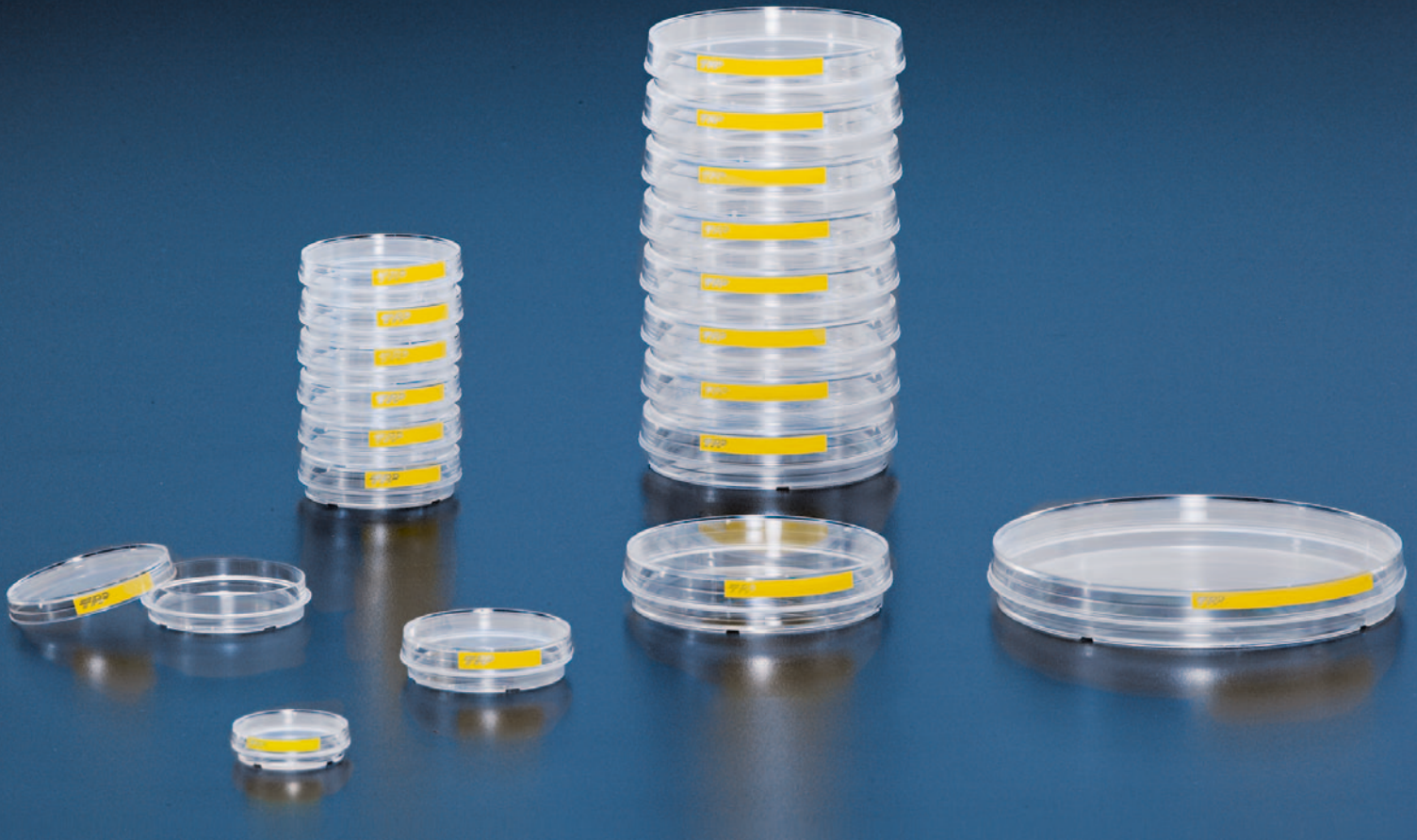
Suitable for any buffer system



TPP screw caps

VENT and filter screw caps for TPP tissue culture flasks

Description	Dimension mm	Material	Purchase NO.	Qty / Case	Price CHF
VENT-screw cap for 25 cm ² flask	24 x 16	PE	TPP90825	40	22.80
filter-screw cap for 25 cm ² flask	24 x 16	PE	TPP90826	40	30.50
VENT-screw cap for 75 cm ² flask	33 x 21	PE	TPP90875	40	30.50
filter-screw cap for 75 cm ² flask	33 x 21	PE	TPP90876	40	36.80
VENT-screw cap for 150/300 cm ² flask	39 x 24	PE	TPP90850	40	34.40
filter-screw cap for 150/300 cm ² flask	39 x 24	PE	TPP90856	40	41.20



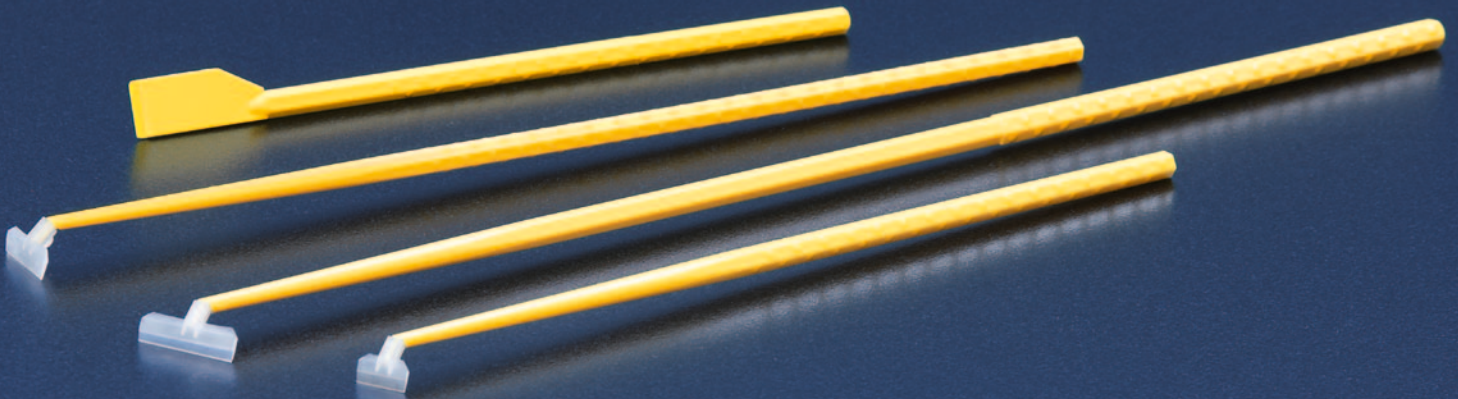
TPP tissue culture dish

Tissue culture dishes from TPP stands for large growth area and secure handling.

Quality features of the **tissue culture dish**:

- TPP surface activation of the growth area optimally enhances the proliferation of the cells
- The **gripping ring**: often copied, but never like the original! Serrated edges in the gripping ring prevent accidental dropping of the dish bottom
- Lateral yellow inscription field on the lid
- Stacking ring on the lid and corresponding on the base result in an extremely secure stacking feature
- Spacer on the inside of the dish lid ensures a constant movement of air
- Clock-numbering system **3, 6, 9 and 12** inlaid into the base of the dish allows identification, region of interest definition and documentation of the zones

Growth Surface cm ²	Material	Ø Internal mm	Dimension (Ø x H) mm	Sterile Sub-Bag	Purchase No.	Qty / Case	Price CHF
9.2	PS	34	40 x 11	20	TPP93040	900	395.00
22.1	PS	53	60 x 16	14	TPP93060	840	385.00
60.0	PS	87	96 x 21	10	TPP93100	240	192.00
147.0	PS	137	146 x 21	5	TPP93150	100	222.00



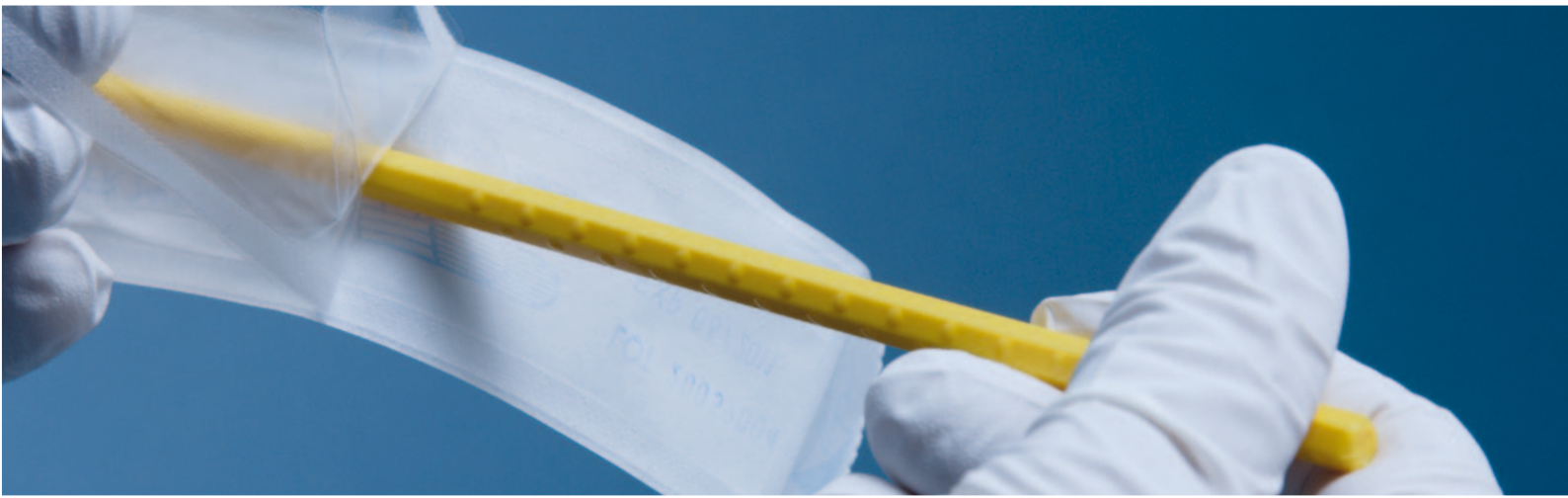
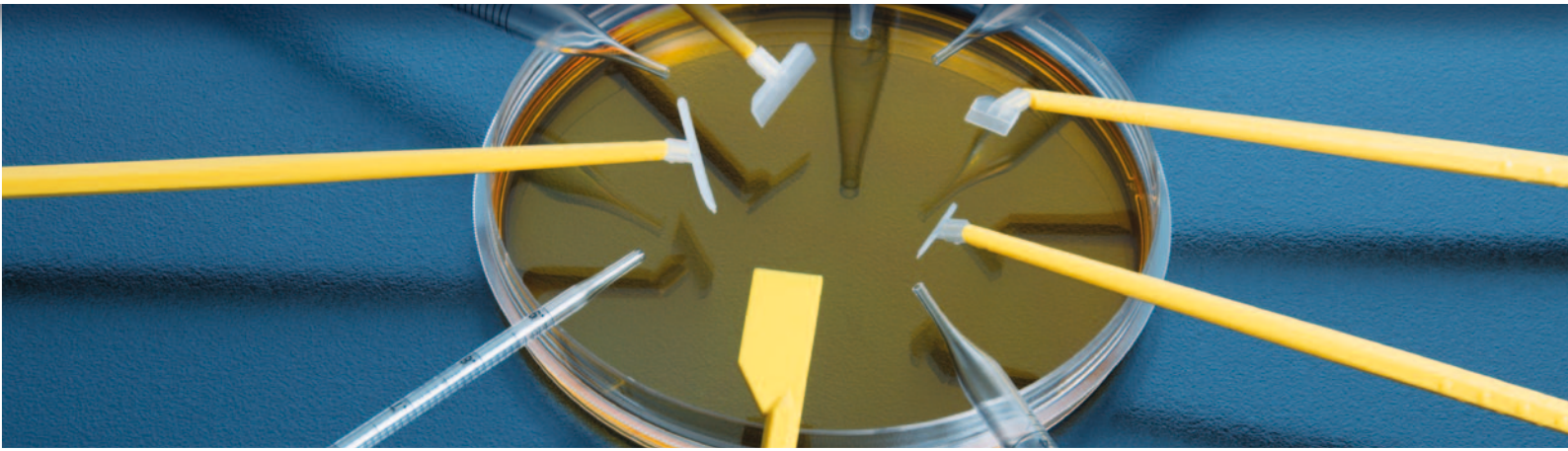
TPP cell scraper and cell spatula

Quality features of the cell scraper:

- Scraper heads made from flexible PE material
- Pivoting scraper head for easy handling
- 3 different blade width
- Small raised knobs on handle for secure grip
- Lint free plastic/paper blister
- User friendly TPP dispenser case

Quality features of the cell spatula:

- Special formed blade with sharp edges
- Small raised knobs on handle for secure grip
- Lint free plastic/paper blister
- User friendly TPP dispenser case



Description	Length mm	Width mm	Material	Purchase No.	Qty / Case	Price CHF
scraper	240	13	PS/PE	TPP99002	150	327.00
scraper	300	20	PS/PE	TPP99003	150	370.00
scraper	362	25	PS/ PE	TPP99004	100	303.00
spatula	195	14	PP	TPP99010	150	279.00



Convenient and space saving



TPP centrifuge tube filled racks

Filled racks with 15 ml or 50 ml centrifuge tubes simplify the process in the daily labworld.

Description	Filled with Tube Type	Material	Purchase No.	Qty / Bag	Price CHF
rack with 15 ml tubes	30 x 15 ml	PP	TPP91515	1	31.80
rack with 50 ml tubes	20 x 50 ml	PP	TPP91550	1	25.40



TPP tissue culture tube & TPP tissue culture flat tube

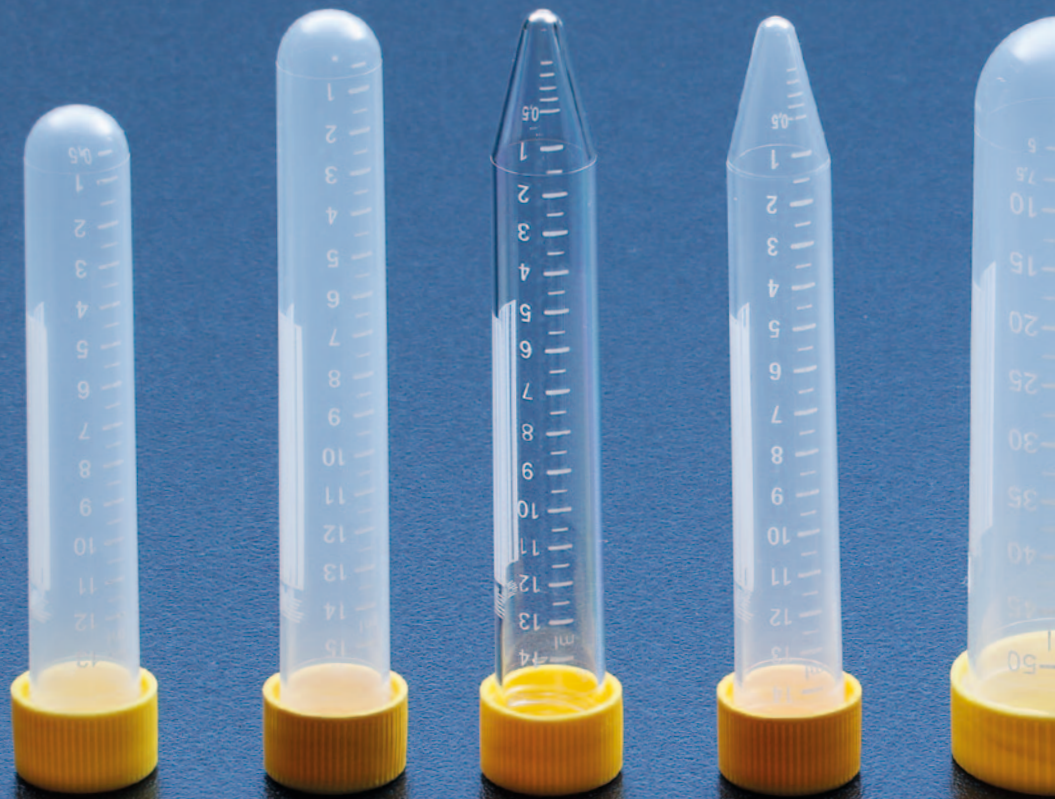
Quality features of the unique tissue culture flat tube 10:

- **Cultivation:** 10 cm² surface activated growth area
- Large opening for complete access of pipettes and scrappers
- **Examination:** great optical clarity for visual control with inverse microscopes. Sloped and flattened upper side for reduced refraction
- **Centrifugation:** fits any 50 ml standard tube adapter, can spin up to 1200 xg
- Conical form eases removal of pellet
- TPP TC flat tube-rack for secure storage of 8 tube in horizontal position

Quality features of the tissue culture tube 20:

- 20 cm² surface activated growth area, for a length of 50 mm
- Specially formed 10-sided comb from "VENT" screw cap with "Click" avoids inadvertent rolling and enables regaining previous positions
- Fits all 15 ml standard tube adapter, can spin up to 1200 xg
- Convenient re-closable zipper bag with laser perforation

Description	Growth Surface cm ²	Volume Max. ml	Dimension (Ø x H) mm	Max. Centrifugation xg-Force Max.	Sterile Sub-Bag	Purchase No.	Qty / Case	Price CHF
round, VENT	20	5	16 x 120	1200	20	TPP91106	800	509.00
conical, filter	10	10	30 x 105	1200	4	TPP91243	216	205.00



TPP centrifuge tube

Your valuable sample will stay secure and stable in the TPP centrifuge tube.

TPP exclusively uses only accredited raw material in the highest purity grade.

Quality features of the **centrifuge tubes**:

- White writing circle on screw cap for easy labeling with any writing instruments. This allows a quick location of the sample in the filled rack.
- Caps that cannot be over-tightened
- Gas- and aerosol tight cap
- Graduations all the way down to 0.1 ml and 0.5 ml respectively
- Volume accuracy classification +/- 2 %



Description	Grad.	Volume Max. ml	Dimension (ØxH) mm	Material	g-Force Max. xg	Sterile Sub-Bag	Purchase No.	Qty. / Case	Price CHF
conical	14	15	17.1 x 120	PP	15500	40	TPP91014	360	159.00
conical	14	15	17.1 x 120	PP	15500	40	TPP91015	800	352.00
round	13	13	17.1 x 105	PP	15500	40	TPP91016	800	364.00
round	15	15	17.1 x 120	PP	15500	40	TPP91017	800	338.00
flat	12	13	17.1 x 100	PP	15500	40	TPP91019	800	364.00
conical	50	50	30.0 x 115	PP	15500	20	TPP91054	160	70.50
conical	50	50	30.0 x 115	PP	15500	20	TPP91050	360	159.00
conical with edge	50	50	30.0 x 115	PP	15500	20	TPP91051	320	159.00
round	50	50	30.0 x 115	PP	15500	20	TPP91056	360	169.00
conical	14	15	17.1 x 120	PS	1700	40	TPP91115	800	372.00



TPP TubeSpin® bioreactor 15, 50, 450 and 600

Features of the TubeSpin® Bioreactors:

TubeSpin® Bioreactor 15:

- working volume 1 - 15 ml
- conical or round bottom
- filter cap

TubeSpin® Bioreactor 50:

- working volume 1 - 35 ml

- conical or round bottom
- filter cap

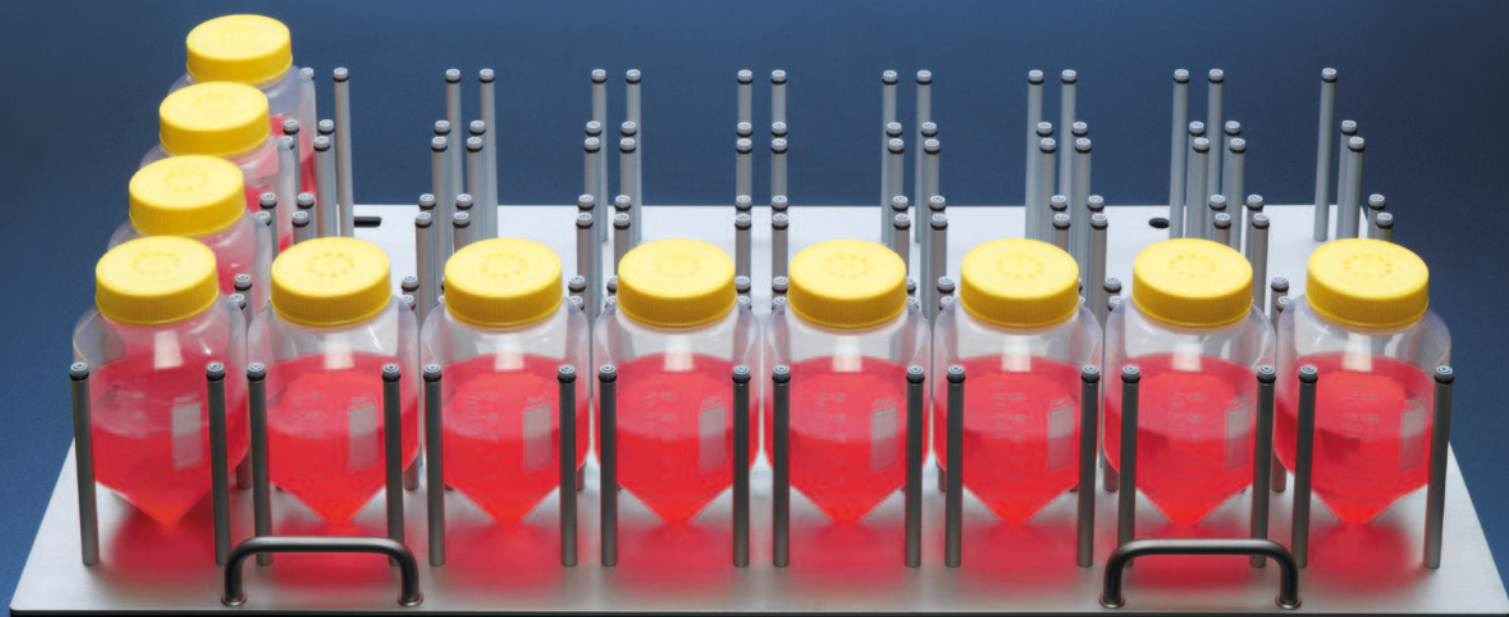
TubeSpin® Bioreactor 450:

- working volume up to approx. 300 ml
- conical bottom
- filter cap
- additional replacement cap available: "solid" #87355, "filter" #87356

TubeSpin® Bioreactor 600:

- working volume up to approx. 400 ml
- conical bottom
- filter cap
- additional replacement cap available: "solid" #87355, "filter" #87356

Description	Volume ml	Ø External mm	Height mm	g-Force Max. xg	Sterile Sub-Bag	Purchase No.	Qty / Case	Price CHF
filter, conical	15	17.1	120	15500	40	TPP87015	800	709.00
filter, round	15	17.1	120	15500	40	TPP87017	800	764.00
filter, conical	50	30	115	15500	20	TPP87050	180	230.00
filter, round	50	30	115	15500	20	TPP87056	180	296.00
filter, conical	450	96	145	3500	1	TPP87450	32	425.00
filter, conical	600	100	183	3500	1	TPP87600	26	464.00



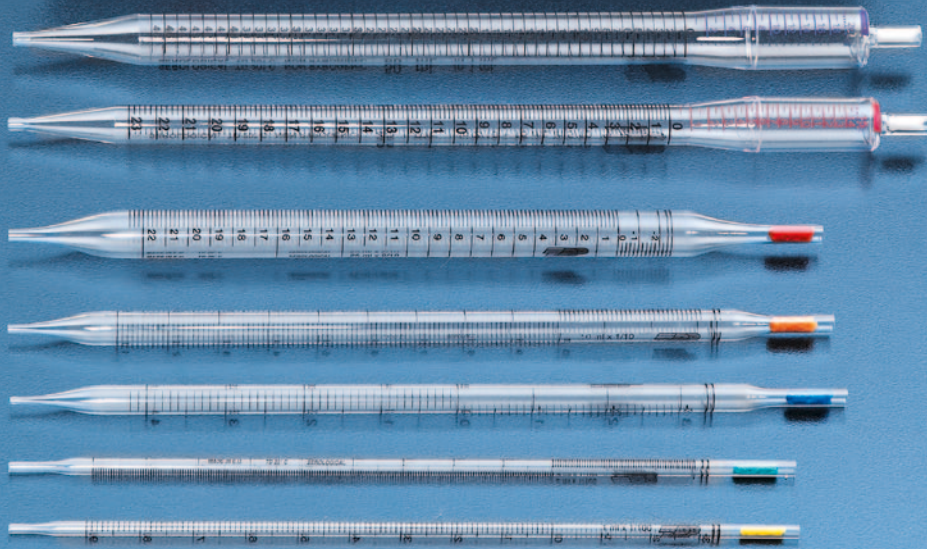
TubeSpin bioreactors have proven their advantages in large scale screenings and optimization processes of suspension cells. The optimization of the parameters, important for the production up-scaling, can be evaluated with small amounts maximising the number of parallel experiments at the same time. The cultivation is performed in shakers at a temperature of 37 °C. Due to the openings in the sterile filter cap the supply of enough oxygen is guaranteed - even with a high cell density. Hence, optimal results can be expected.

Suitable shakers will you find by the following partner, www.kuhner.com and www.infors-ht.com. "Dr. Shaker" offers advice on any issues concerning shaken bioreactors: www.shakingtechnology.com

Description	Dimension (W x L x H) mm	Suitable for TPP87600	Purchase No.	Price CHF
TPP-adapter plate 32 for Infors shaker	850 x 470 x 139	8 x 4 TubeSpin® bioreactor 600	TPP87631	2'404.00
TPP-adapter plate 16 for Infors shaker	480 x 420 x 139	4 x 4 TubeSpin® bioreactor 600	TPP87633	1'712.00
TPP-adapter plate 32 for Kuhner shaker	800 x 420 x 139	8 x 4 TubeSpin® bioreactor 600	TPP87611	2'404.00
TPP-adapter plate 20 for Kuhner shaker	500 x 420 x 139	5 x 4 TubeSpin® bioreactor 600	TPP87612	1'906.00
TPP-adapter plate 16 for Kuhner shaker	420 x 420 x 139	4 x 4 TubeSpin® bioreactor 600	TPP87613	1'663.00



Easy removable pipettes



TPP and LLG serological pipette

Quality features of the serological pipettes without reservoir:

- Volumina 1-25 ml
- Highly visible, bi-directional graduation, inclusive over-volume graduation
- Smooth interiors prevent cell hang-up or clumping inside
- Volume identification by color coding on pipette, single-wrapping, dispenser, box label and cotton plugs
- Convenient, stackable TPP dispenser box
- Lint-free paper/plastic, single wrapping

Quality features of the serological pipette with reservoir (US Patent 8,113,067B):

- Significant increase of the useable volume up to 70 ml
- Stable, break resistant highly low drip pipette tip
- Slender, short form enables ergonomic working conditions in the sterile hood
- Small outside diameter of the tube at the tip resulting in an excellent accessibility of these large pipettes even in small tissue culture flasks
- Optimized form of mouthpiece, prevents from damage the rubber inserts of the pipette aids
- Fits in pipettor Turbo-Fix or all commercially available pipette aids with rubber inserts or the STABIFIX of TPP



TPP pipettor Turbo-Fix

The pipettor Turbo-Fix combines all essential characteristics: precision, speed, ease-of-use, comfort and reliability. This will improve your productivity and deliver an enhanced pipetting experience in your daily task.

Quality features of the pipettor Turbo-Fix:

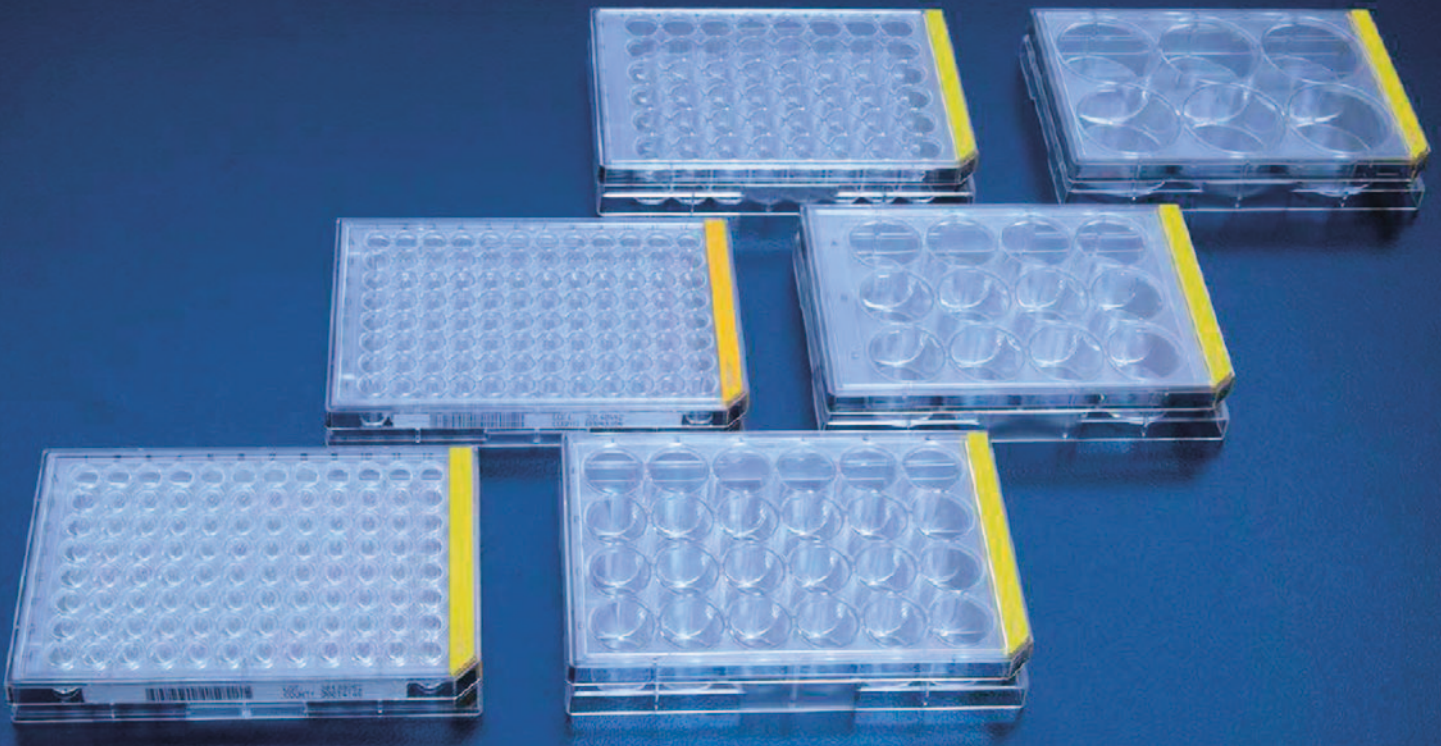
- Turbo suction power
- >6 h pipetting cable free
- Latest Li-Ion polymer rechargeable battery-technology
- Lightweight, 195 g
- Autoclavable pipette nose Stabifix included

Description	Material	Dimension (WxHxL) mm	Purchase No.	Price CHF
TPP pipettor Turbo-Fix	PA/POM	125 x 130 x 35	TPP94700	527.00

Serological Pipettes

Volume ml	Reservoir ml	Graduation ml	Dimension External (ØxL) mm	Purchase No.	Qty /Case	Price CHF
1		0.01	4.8 x 270	9.380 440*	500	73.40
2		0.01	5.5 x 270	9.380 441*	500	91.30
5		0.1	9.5 x 295	7.930 401*	200	86.20
10		0.1	11.0 x 295	6.268 240*	200	92.30
25		0.2	16.0 x 300	7.930 403*	150	104.00
25	15	0.2	15 / 20.5 x 345	TPP94525	60	61.90
50	20	0.1	20 / 24.0 x 345	TPP94550	50	76.50

*LLG-Serological pipettes, PS, sterile

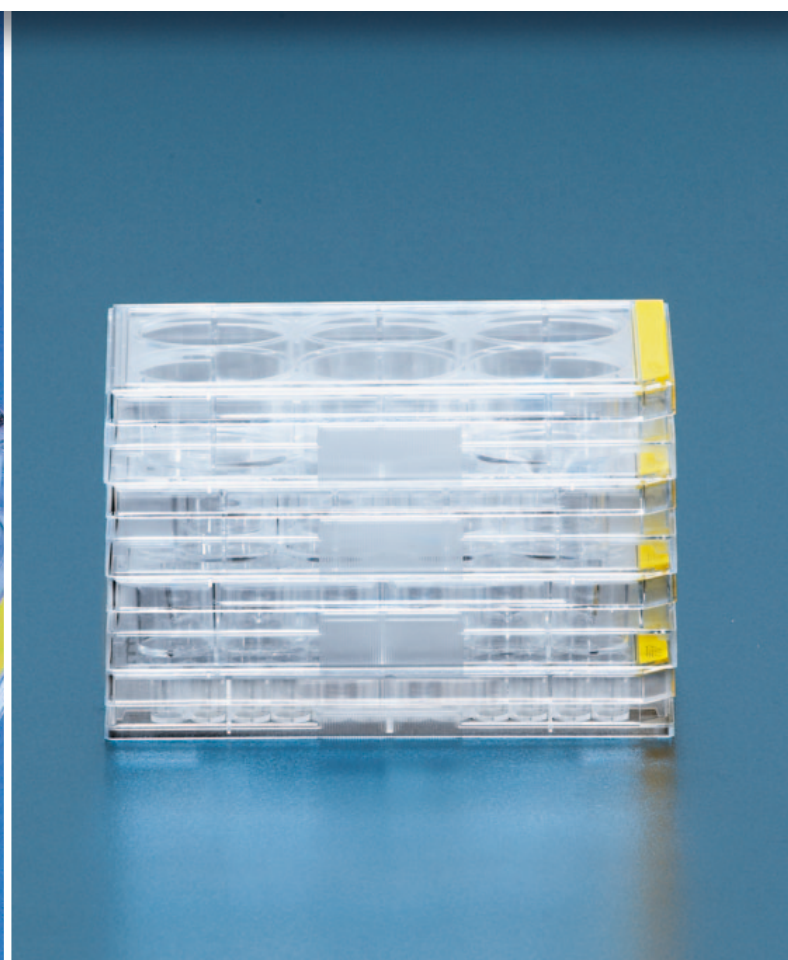
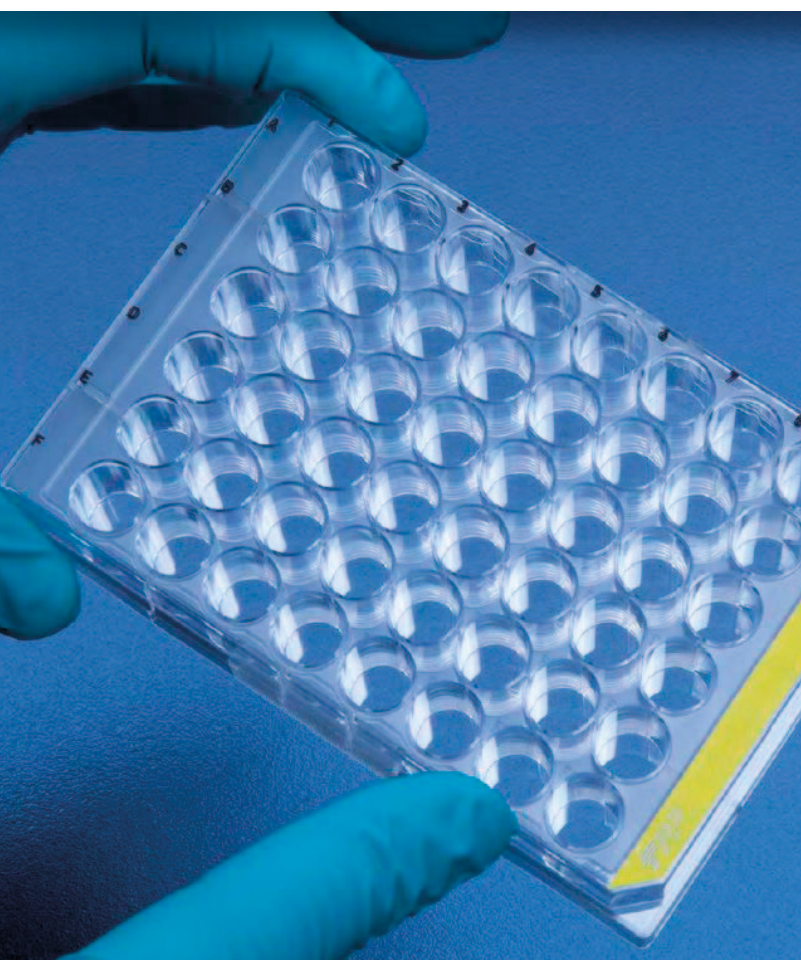


TPP tissue culture test plate

Quality features of the tissue culture test plates:

- Lid with air venting system for controlled gas exchange with low evaporation
- Sloped edge allows placement of the lid in one position only
- Yellow inscription field: yellow on yellow - match!
- Surface activated growth area on spherical zone of well only
- Absolutely flat growth surface
- Black alphanumeric for quick identification of the wells and clear alphanumeric between wells for orientation during microscopy
- Dimensions of the 96 well plates: keeps the standards ANSI / SLAS 1-2004 to ANSI / SLAS 4-2004
- Standardized with barcode „2/5 interleaved“
- The white base color is embossed firmly on the test plate.
A loss of identification through detachment is excluded.
- 2 well geometries available: F- and U-bottom

because of sloped edge



Description	Growth Surface cm ²	Dimension (WxBxH) mm	Volume ml	Sterile Sub-Bag	Purchase No.	Qty / Case	Price CHF
6 Well	9.026	128 x 86 x 22	15.80	1	TPP92006	126	357.00
12 Well	3.466	128 x 86 x 22	6.30	1	TPP92012	126	357.00
24 Well	1.864	128 x 86 x 22	3.30	1	TPP92024	126	357.00
48 Well	0.875	128 x 86 x 22	1.60	1	TPP92048	126	357.00
96 Well	0.322	128 x 86 x 17	0.40	1	TPP92096	162	449.00
96 Well (U-bottom)	0.636 (U-bottom)	128 x 86 x 17	0.34	1	TPP92097	162	449.00
6 Well	9.026	128 x 86 x 22	15.80	4	TPP92406	72	182.00
12 Well	3.466	128 x 86 x 22	6.30	4	TPP92412	72	182.00
24 Well	1.864	128 x 86 x 22	3.30	4	TPP92424	72	182.00
48 Well	0.875	128 x 86 x 22	1.60	4	TPP92448	72	182.00
96 Well	0.322	128 x 86 x 17	0.40	6	TPP92696	108	263.00
96 Well (U-bottom)	0.636 (U-bottom)	128 x 86 x 17	0.34	6	TPP92697	108	263.00
6 Well	9.026	128 x 86 x 22	15.80	1	TPP92106	42	126.00
12 Well	3.466	128 x 86 x 22	6.30	1	TPP92112	42	126.00
24 Well	1.864	128 x 86 x 22	3.30	1	TPP92124	42	126.00
48 Well	0.875	128 x 86 x 22	1.60	1	TPP92148	42	126.00
96 Well	0.322	128 x 86 x 17	0.40	1	TPP92196	54	158.00
96 Well (U-bottom)	0.636 (U-bottom)	128 x 86 x 17	0.34	1	TPP92197	54	158.00



TPP vacuum filtration „rapid“ - Filtermax

Quality features of the practical, quadratic vacuum filtration „rapid“ - Filtermax:

- Large quadratic filter surface of 49 cm² and 69 cm², respectively
- Premium PES filter membrane, pore size of 0.22 µm and low protein binding capacity and high flow rate
- Secure footprint eliminates the risk of encompassment of the filter unit by the vacuum tubing
- Quadratic form saves valuable space in storage
- Tapered form at the neck enables large and small hands a firm and slip free grip of the "rapid"-Filtermax system - even when wearing rubber gloves
- Separate packed screw cap and adapter for the vacuum connection hose with inside diameter of Ø 6 – 10 mm supplied with each system
- Choice of filter set, top only or flask only, all provided with a GL-45 compatible screw thread



Volume ml	Description	Filter Area (cm ²)	Dimension (WxBxH) mm	Purchase No.	Qty / Case	Price CHF
150	set complete	49	93 x 93 x 103	TPP99150	18	192.00
150	bottle top	49	90 x 89 x 57	TPP99155	36	318.00
150	flask	-	93 x 93 x 63	TPP99157	24	93.50
250	set complete	49	93 x 93 x 145	TPP99250	12	144.00
250	bottle top	49	90 x 89 x 75	TPP99255	24	228.00
250	flask	-	93 x 93 x 87	TPP99257	24	119.00
500	set complete	49	93 x 93 x 214	TPP99500	10	167.00
500	bottle top	49	90 x 89 x 110	TPP99505	21	256.00
500	flask	-	93 x 93 x 121	TPP99507	36	289.00
1000	set complete	69	111 x 111 x 285	TPP99950	9	311.00
1000	bottle top	69	108 x 108 x 143	TPP99955	12	300.00
1000	flask	-	111 x 111 x 160	TPP99957	20	247.00

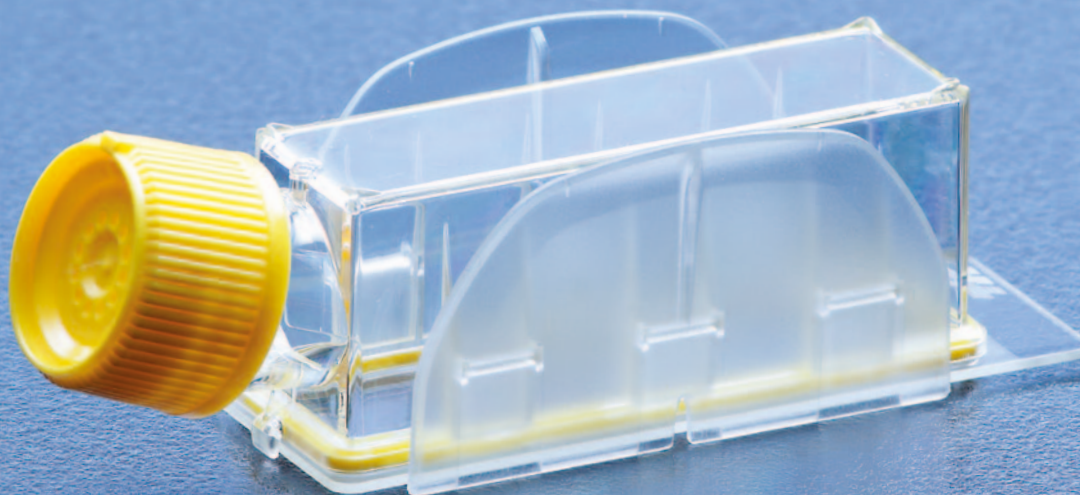


TPP syringe filter

Quality features of the **syringe filter** are intended to filter aqueous solutions:

- PES filter-membrane
- Pore size of the membrane: 0.22 μm and 0.45 μm
- High flow rate with minimal protein binding
- Inlet: standard luer-lock/Outlet: luer-cone
- Outside diameter ($d=33\text{ mm}$) of the filter enables the syringe filter to sit stable on a 50 ml TPP centrifuge tube
- Low dead volume
- Burst pressure 10 bar
- Bubble point 3.7 bar
- Typical starting flow rate at 25 °C for water at 2 bar: 175 ml / min
- Sterile single packed in blister in convenient card box dispenser

Membrane-Typ PES / μm	$\varnothing \times H$ mm	Purchase No.	Qty / Case	Price CHF
0.22	33 x 27	TPP99722	40	102.00
0.45	33 x 27	TPP99745	40	102.00



TPP Clipmax

Clipmax 10 cm² Chamber Slide

Grow adherent cells in the chamber, directly on Clipmax, a standard microscope slide (25 x 75 mm). Remove the chamber, fix and stain the cells and Clipmax is ready for the microscope. Clipmax is especially useful in cell culture, immunocytochemistry, and various cell analyses.

Features of Clipmax:

- Crystal clear microscope slide
- Suitable for stainings, especially for immunofluorescence measurements
- Resistant to solvents (for ex. acetone, ethanol, xylene)
- Activated growth area for delicate cells
- Removable medium chamber with a "click" and without the need of a removing tool
- Filter screw cap for optimal gas exchange with minimal evaporation
- Initial opening protection
- Stackable

Version	Growth Area cm ²	Dimensions mm	Material	Purchase No.	Qty / Case	Price CHF
filter, clip	10	93 x 33 x 32	PS/COP	TPP70010	5	61.40

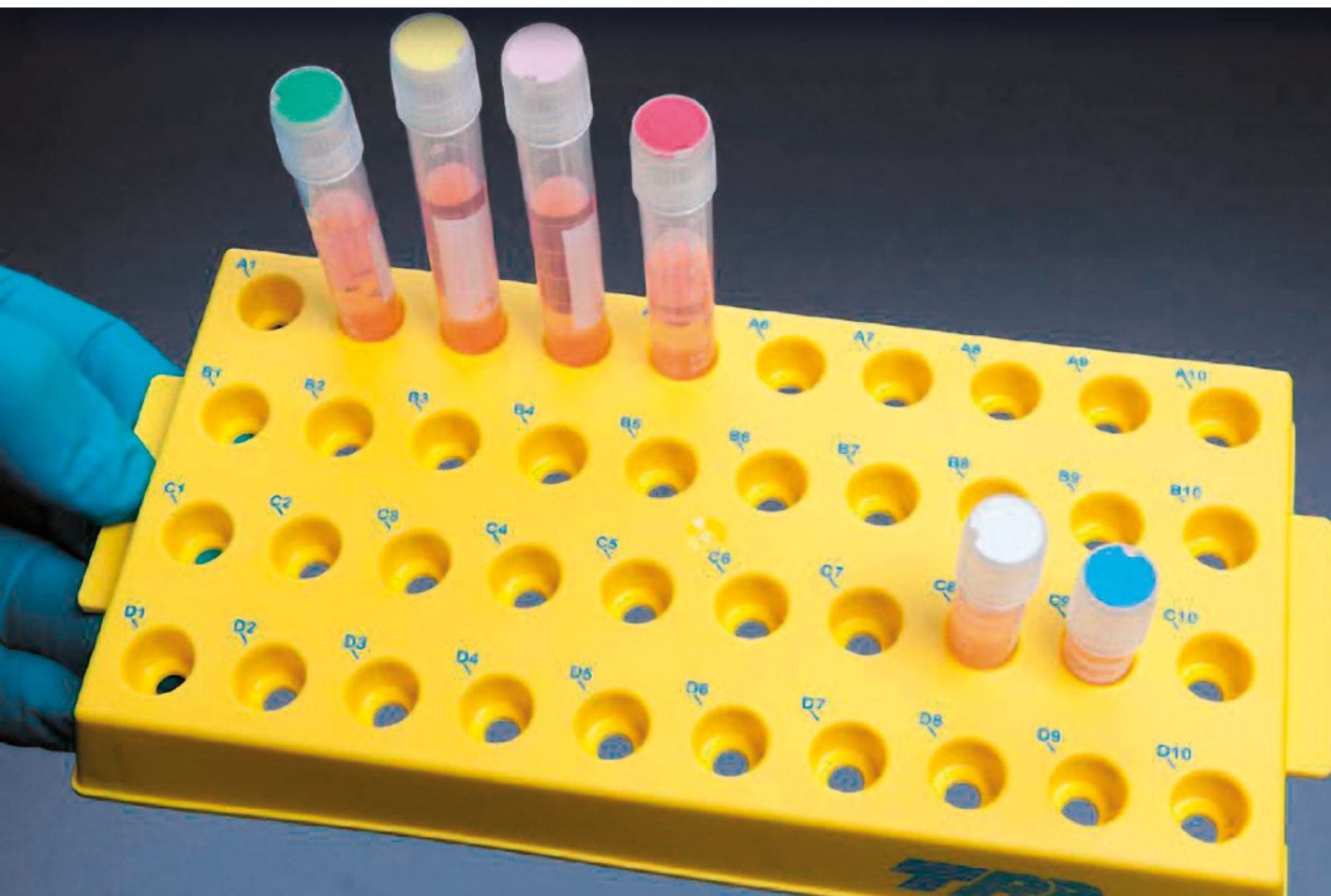


TPP cryo tube and screw cap

Quality features of the cryo tubes:

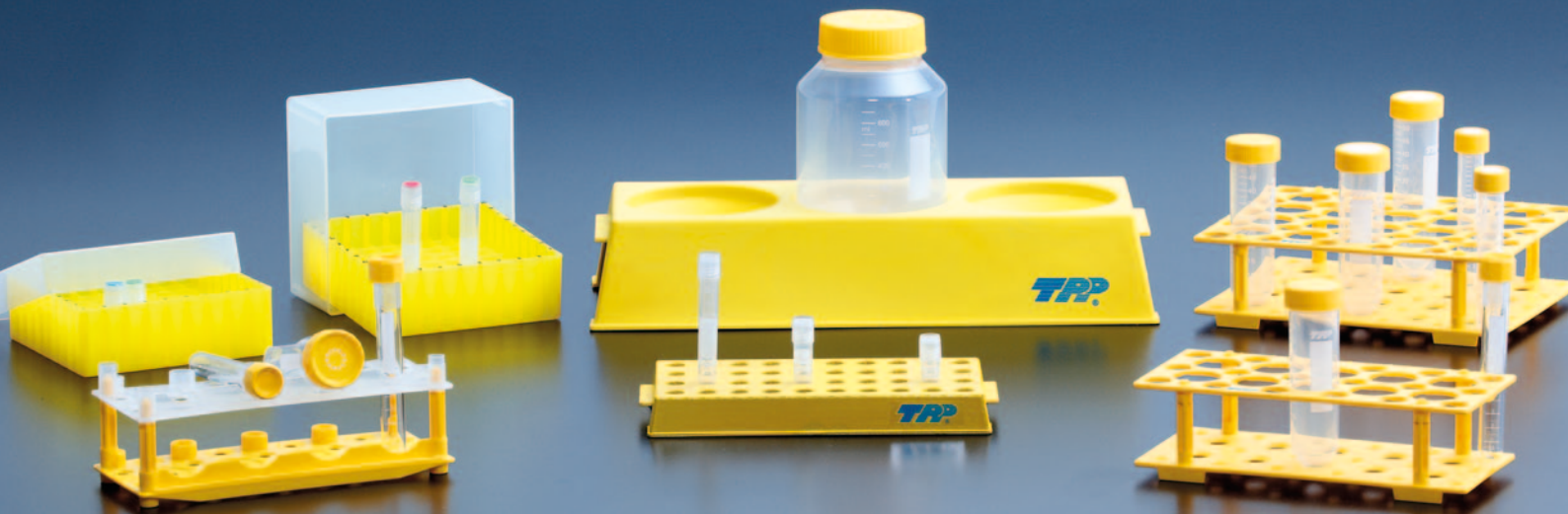
- Storage of samples in freezers or similar low-temperature equipment
- External thread without silicone gasket
- Secure and tight closure of the tube
- Convenient re-closeable bag with zipper
- Color coding inserts
- Self-standing
- Single-handed operation with the use of the cryogenic rack No. 99016 with its star-shaped locking system in the grooves
- Smooth internal surface eliminates undue loss of specimen material during removal

Volume Max. ml	Dimension (ØxH) mm	Material	Sterile Sub-Bag	Purchase No.	Qty / Case	Preis CHF
0.9	12 x 37	PP	100	TPP89012	800	355.00
1.5	12 x 48	PP	100	TPP89020	800	338.00
3.5	12 x 75	PP	100	TPP89040	400	194.00
4.5	12 x 90	PP	100	TPP89050	400	200.00



TPP color coding inserts for the cryo tubes are available in the following colors:
blue, yellow, green, purple, red and white

Dimension (ØxH) mm	Material	Color	Purchase No.	Qty / Case	Price CHF
11 x 1	PP	each 1 bag: blue, yellow, green, purple, red, white	TPP99020	600	51.00
11 x 1	PP	blue	TPP99020BL	100	21.60
11 x 1	PP	yellow	TPP99020GE	100	21.60
11 x 1	PP	green	TPP99020GR	100	21.60
11 x 1	PP	purple	TPP99020LI	100	21.60
11 x 1	PP	red	TPP99020RO	100	21.60
11 x 1	PP	white	TPP99020WE	100	21.60



TPP rack for tubes and cryo box

Quality features of the racks for centrifuge-tube 15 ml / 50 ml:

- Alpha-numerical inscription to identify your samples
- Heat resistant autoclavable material
- Quickly assembled and disassembled

Additional quality features of the racks for tissue culture tubes:

- Transparent top
- Protection rim to protect shifting of the tissue culture flat tubes 10

Quality features for the rack for TubeSpin® bioreactor 600:

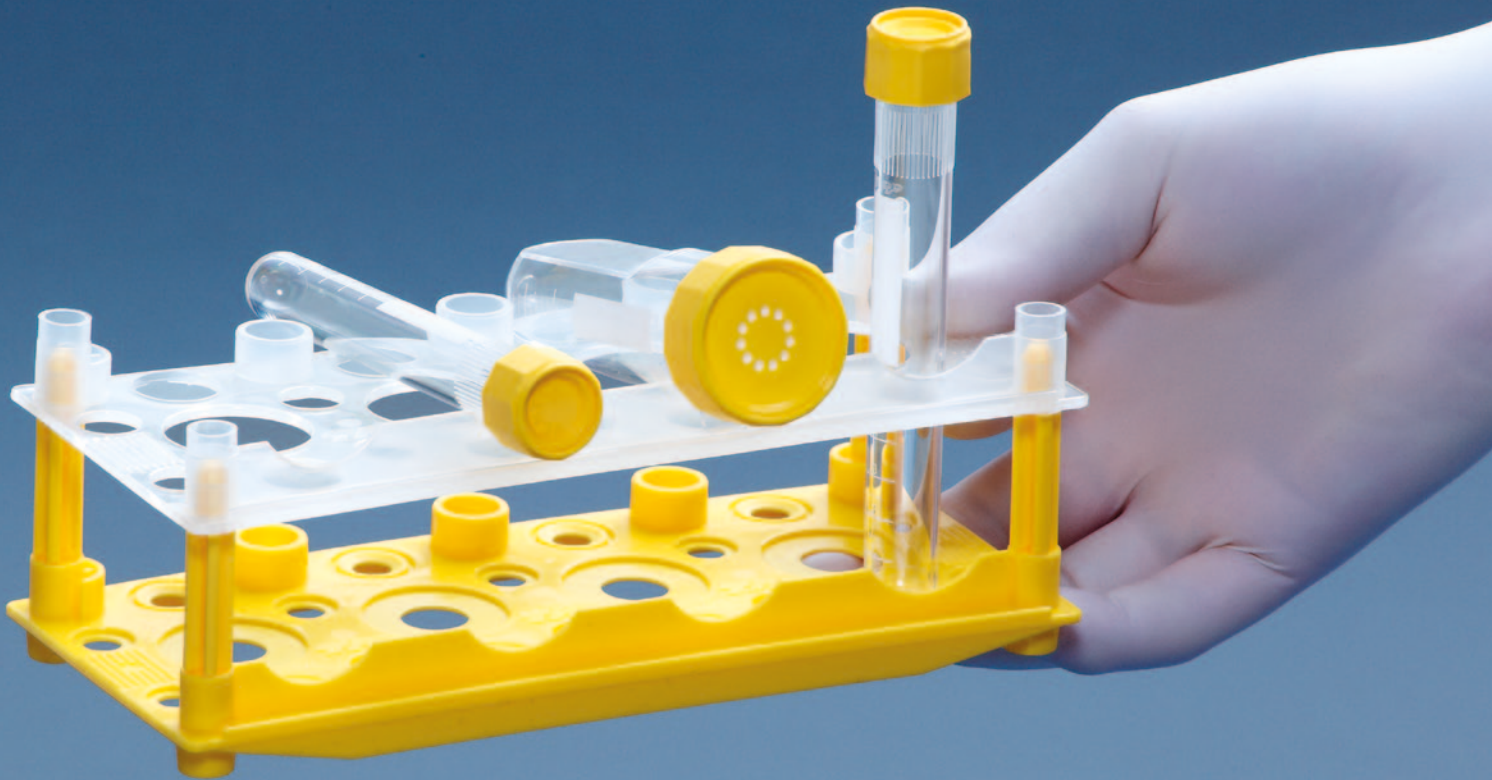
- Reusable
- Stackable
- Safe footprint
- Fits 3 x tubes








Quality features of the cryo box:

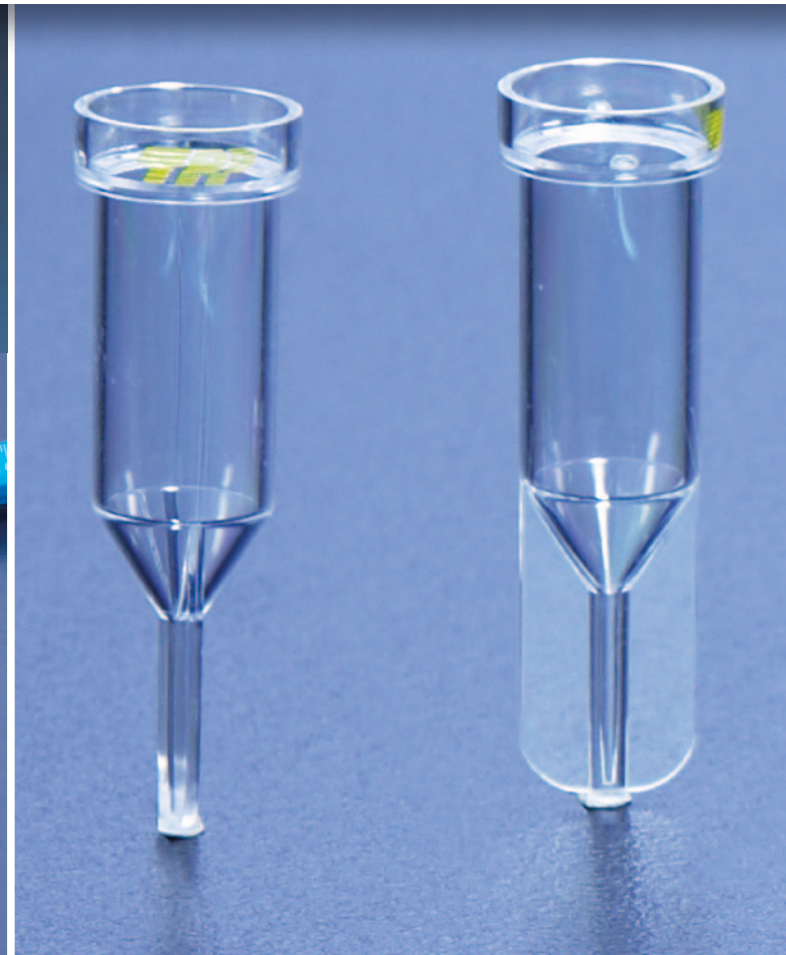
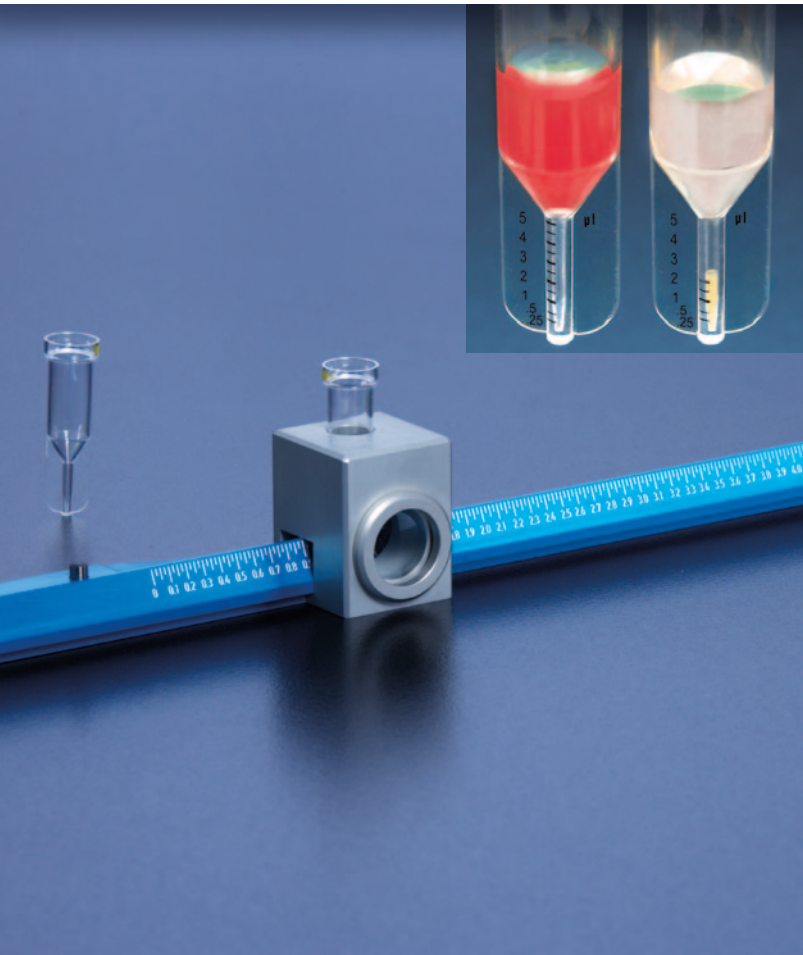
- Storage of samples at low temperatures -196 °C
- Form stable even in lowest temperatures and single handling of the lid even after several usages
- Available in 2 different heights

Quality features for the rack for cryo tubes:

- Star-shaped insertion system in the grooves allows one hand operation when used with the star foot TPP cryo tubes
- Non-Slip properties
- Ready-mounted rubber feet
- Fits 40 x cryo tubes



Description	For which Tube	Type	Max. Capacity	Dimension (LxWxH) mm	Material	Purchase No.	Qty / Case	Price CHF
rack	TPP87600/TPP87450		3	366 x 146 x 70	PP	TPP99013	6	158.00
cryo-box L	TPP89040/TPP89050		81	133 x 133 x 95	PP	TPP99014	1	27.90
cryo-box S	TPP89012/TPP89020		81	133 x 133 x 45	PP	TPP99015	1	26.70
rack	TPP89012/TPP89050 TPP89020/TPP89040		40	219 x 109 x 26	PC	TPP99016	1	26.70
rack	TPP91015/TPP91050/ TPP91014/TPP91054		18	209 x 98 x 62	PP	TPP99017	1	9.50
rack	TPP91243/TPP91106		8	200 x 88 x 72	PP	TPP99018	1	9.50
rack	TPP91015/TPP91050/ TPP91014/TPP91054		30	209 x 172 x 62	PP	TPP99019	1	9.50



TPP PCV-cell volume tube

Quality features of the PCV-cell volume tube:

If during a production process many parameters need to be optimized, many samples accumulate at the same time. Here is a quick analysis with the PCV tube and the read out process with "easy read" the method of the choice.

A short centrifugation step (1 minute at 2500 xg) is sufficient to form a pellet in the calibrated capillary. There the pellet can be read with the "easy read" measuring device.

A quick and especially reproducible measurement of cell mass is ensured.

Description	Volume ml	Material	Purchase No.	Qty / Case	Price CHF
without cap, with graduation	1	PS	TPP87005	50	109.00
with cap, without graduation	1	PS	TPP87007	50	69.20
cap for PCV	-	PE	TPP87008	150	30.50

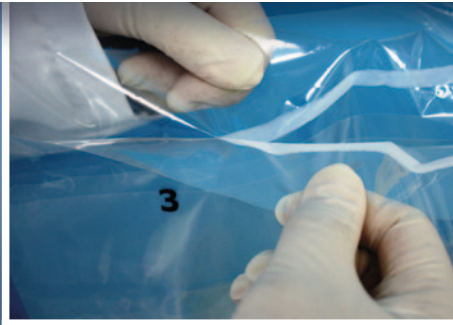


TPP „easy read“ measure device

Quality features of the „easy read“ measuring device:

- Measuring instrument with magnifying glass and crosshairs-measuring mark
- Optimal in use with the PCV-cell volume tubes
- Reproducible measuring technique of the cell volume
- Reusable product
- No intensive follow-up costs
- Measurement volume 0-5 μl

Description	Volume μl	Material	Purchase No.	Qty / Case	Price CHF
easy read	0-5	ALU	TPP87010	1	340.00



Step 1

Bag 3, Lab

Carefully peel-open the outer bag 3 in the non-sterile environment.



Step 2

Bag 2, sterile zone

Pull out bag 2 by staff within the sterile operating area, ensuring a sterile transfer from one area to the next.



Step 3

Bag 1, gowning zone, e.g. stem cell lab

Carefully peel-open bag 2 in sterile environment and remove bag 1 by staff within the sterile operating area, ensuring a sterile transfer through the gowning area to the aseptic zone.

Triple bagged TPP - products (3 - B) „clean room“

The triple bagged (3 - B) packaging facilitates working under enhanced security requirements. Example in product demand with sterile transfer (clean room of stem cell research, sequential laboratories, manufacturing facilities for cell-based vaccines and medicines, etc.)

Please contact us concerning minimum quantity and delivery time.

- Purchase No.: TPP purchase No. plus prefix 3
- SAL-value: 10⁻⁶
- Each product is triple-wrapped in three peel-open bags
- The safety-open-style peel open bags are increasingly sized, so that during handling of one bag the next inner bag is not accidentally broken rendering it contaminated.
- Bags marked with security numbers 3-1:
3 - outer bag,
2 - middle bag,
1 - inner bag
- **Packaging level is instantly recognizable**
- Innermost bag 1 is labeled with the product data: product number and description, lot number and EXP
- Quality certificates under: www.tpp.ch

Description	Purchase No.	Qty./ Bag	Qty./ Case	Price/Case CHF
TubeSpin® bioreactor 50 / triple bagged	TPP387050	1	50	285.60
TubeSpin® bioreactor 600 / triple bagged	TPP387600	1	10	249.90
cryo tubes 2 ml / triple bagged	TPP389020	25	500	470.20
cryo tubes 4,5 ml / triple bagged	TPP389050	25	300	317.20
tissue culture flask 25 cm ² / filter / triple bagged	TPP390026	1	28	86.80
tissue culture flask 75 cm ² / filter / triple bagged	TPP390076	1	20	115.30
tissue culture flask 150 cm ² / VENT / triple bagged	TPP390150	1	20	189.70
tissue culture flask 150 cm ² / filter / triple bagged	TPP390151	1	20	204.00
tissue culture flask 300 cm ² / filter / triple bagged	TPP390301	1	12	210.10
tissue culture flask 115 cm ² / re-closable, barrier / triple bagged	TPP390652	1	20	650.80
VENT-screw cap for 150 / 300 cm ² flask / triple bagged	TPP390850	1	30	102.00
filter-screw cap for 150 / 300 cm ² flask / triple bagged	TPP390856	1	30	130.60
centrifuge tube 15 ml, conical / triple bagged	TPP391015	1	100	136.70
centrifuge tube 50 ml, conical / triple bagged	TPP391050	1	50	90.30
tissue culture tube 10, conical / triple bagged	TPP391243	1	50	185.60
tissue culture test plate, 6-well / triple bagged	TPP392006	1	36	255.00
tissue culture test plate, 12-well / triple bagged	TPP392012	1	36	255.00
tissue culture test plate, 24-well / triple bagged	TPP392024	1	36	255.00
tissue culture test plate, 48-well / triple bagged	TPP392048	1	36	255.00
tissue culture test plate, 96-well / triple bagged	TPP392096	1	50	342.70
tissue culture dish Ø 40 mm / triple bagged	TPP393040	1	60	81.00
tissue culture dish Ø 100 mm / triple bagged	TPP393100	1	54	136.70
serological pipette 25 ml with reservoir / triple bagged	TPP394525	1/3	36	103.00
serological pipette 50 ml with reservoir / triple bagged	TPP394550	1/3	36	145.90
cell scraper S, L = 24 cm / triple bagged	TPP399002	1	40	227.50
Filtermax-flask 150 ml / triple bagged	TPP399157	1	12	87.90
Filtermax-flask 250 ml / triple bagged	TPP399257	1	12	111.20
Filtermax vacuum filtration 500 ml / triple bagged	TPP399500	1	8	124.40
Filtermax-flask 500 ml / triple bagged	TPP399507	1	12	182.60
syringe filter 0.22 µm, Ø 33 mm / triple bagged	TPP399722	10	100	935.30

All TPP products can be requested as 3-B.



Filling and inoculating
without contamination

FAUST ⁺



TubeSpin® bioreactor 50 with septum

TubeSpin® bioreactor 50 with septum,
developed for robotic applications

Quality features of the
TubeSpin® bioreactor 50 with septum:

- Filter-screw cap with cross slot-septum
- Sterile gas exchange through PTFE-filter openings in the screw cap
- Working volume up to 50 ml
- Conical shape
- Barcode on every tube
- Conical tubes fits in standard 50 ml centrifuge adapter, max centrifugal force 15500 xg

Usage of the **septum-tube:**
e.g. automation or robotic use

Other applications:

- Storage solutions (e.g. cell culture media, culture supernatants) under sterile conditions
- Culture of suspension cells

Advantages of the **septum-tubes:**

- Possibility of sterile pipetting of solutions through the septum
- Access through septum eliminates laborious automation of screwing/unscrewing during robotic automation
- Surface sterilization of septum enables sterile media and solution exchange and removal of cell based products
- Centrifugation of suspension cells without need of prior removal of solution

Description	Volume ml	Ø External mm	Height mm	g-Force Max. xg	Sterile Sub-Bag	Purchase No.	Qty / Bag	Qty / Case	Price / Case CHF
filter, conical	50	30	115	15500	20	TPP86050	20	180	1'263.00

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