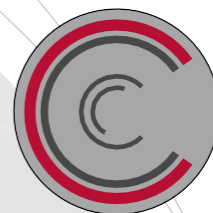
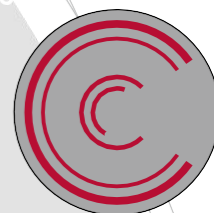




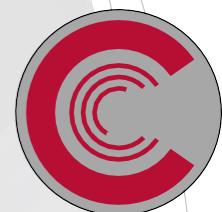
THARMAC
Cellspin®



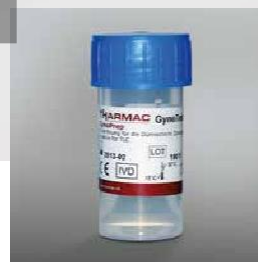
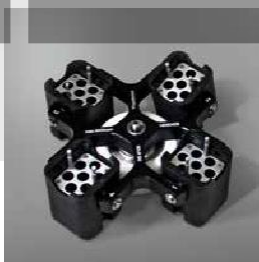
CYTO



LAB



UNI



Clever solutions made affordable: tHarmaC®

SophiSticated laboratory SolutionS

tHarMac® general catalogue:

- » Centrifuges
- » rotors and accessories
- » Consumables
- » GynoPrep®

clever SolutionS Made aFFordable

easy to use – reliable results

tharMac® is the worldwide cytology equipment and accessories specialist from germany. For decades we have been developing, producing and globally distributing high-quality medical products and devices that are in daily use in many thousands of laboratories around the world.

our development focus is on easy, safe and quick handling to make your daily laboratory routine as uncomplicated and standardized as possible.

all products and devices are developed and manufactured with the utmost care - because we know how valuable your samples and your work are!

Please convince yourself on the following pages of the many unique advantages of our products. We look forward to welcoming you soon in the worldwide family of satisfied tharmac users!

innovative and affordable: tharMac®, germany

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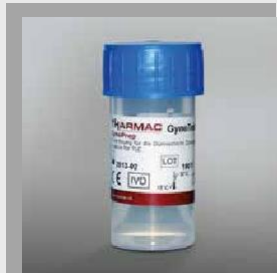
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liquid based cytology preparation system	

CENTRIFUGES

tharMac® *Cellspin III*

the verSatile tharMac® *Cellspin III* centriFuge FaMily

four convincing arguments:



precision work through individual programmability of speed, acceleration, braking power and time.



no other comparable centrifuge is as **versatile, compatible** and offers you the performance range of the *Cellspin III* family!



highest usability developed by the specialists of tHarmaC® with decades of experience in centrifugation and cytology.



State-of-the-art microprocessor-controlled **technology** ensures your safety and the highest possible quality in the results.

Cellspin III

Cellspin III centrifuges: a high-performance product of tharMac®, germany



» **precise working:**

» Minimal speed 200 rpm

» maximum speed 2,000 rpm (CYto), 15,000 rpm (lab, uni)

» **10 braking levels** (more than any other comparable centrifuge)

» **10 acceleration levels** (more than any other comparable centrifuge)

» speed individually adjustable in 10-rPm steps

» **individual time setting** from 0.1 to 99.5 minutes and continuous centrifugation

» **100 individually programmable memory slots**



verSatile and coMpatible:

- » making of Cellblocks (uni and Iab) without expensive special equipment possible!
- » Cytoblock kits can be processed easily
- » Wide variety of rotors available (Cyto-rotors with 4, 8 and 12 positions)
- » **compatible with Shandon™ cytospin™ accessories and materials**
- » for human medical and veterinary diagnostics
- » suitable for volumes up to 4 x 200 ml or 12 x 5 ml (CYto)
- » High sample throughput possible – **can process up to 24 cytological samples at the same time** (with double Cellfunnel®)



Cellspin® III UNI



- » the genius among the centrifuges.
automatic rotor detection and speed adjustment on max. 2,000 rpm when using cytorotors! Huge rotor selection. no reprogramming required!
- » speed range: 200 - 15,000 rpm
- » sample volume: 0.1 - 5 ml (cytology), up to 4x 200 ml (standard laboratory use)
- » applicable rotors: swing out-, angle- as well as hematocrit-rotors **and** cyto-rotors – **also compatible with Shandon™ cytospin™ systems**
- » CE and  certified



CENTRIFUGES

Thermo Mac® *Cellspin® III*



» highly user friendly:

- » user protection through zero carbon dust emission and a very safe metal case
- » simple one-handed operation by ergonomic control panel
- » automatic memory storage of the last setting
- » autoclavable rotors
- » automatic rotor recognition
- » Maintenance-free according to dGuv100-500
- » Closed rotors for even more safety
- » impulse centrifugation

»

» rotor change within seconds

» thanks Quickchange

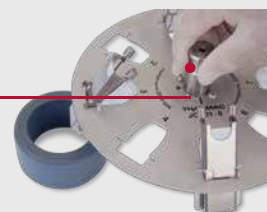
» smooth, easy to

» clean surfaces

» Choice between

» rPm and rCf

» outstanding design through the participation of a multiple red dot award winning design studio



Cellspin III *Cellspin® III CYTO*

» the specialist in cytology.

Large selection on open and closed rotors — also compatible with Shandon™ cytospin™ systems. optionally with the rapid Quickchange rotor exchange system. ideal for any cytological preparation.

»

» speed range: 200 – 2,000 rpm

»

» sample volume: 0.1 – 5 ml

» applicable rotors: cyto-rotors with 4, 8 and 12 positions

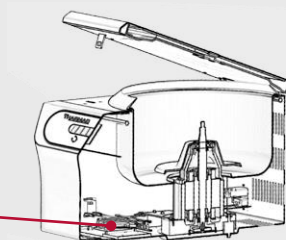
» and certified





outStanding technology:

- » imbalance sensor
- » Parameter display during the run
- » 4 sensors to monitor safe working
- » **Microprocessor controlled, high precision run**
- » stainless steel centrifugation chamber
- » **expandable at any time**
- » emergency lid release
- » lid lock during the run
- » **optimal stability** due to heavy design
- » brushless drive



Cellspin® III LAB

- » the reliable basic device for every laboratory. versatile rotor selection, a wide speed range with fine speed gradation and 100 program slots make the *Cellspin® III* the ideal multi-purpose centrifuge in each laboratory.
- » speed range: 200 – 15,000 rpm
- » sample volume: up to 4x 200 ml
- » applicable rotors: swing-out, angle and hemato-crit rotors
- »  and  certified



thai Mac® *Cellspin III*

Cellspin III Cellspin III-Modellübersicht

laboratory-centrifuges	
item no.	item
3300-220	Cellspin III Lab, 220 v
3300-110	Cellspin III Lab, 110 v

universal-centrifuges	
item no.	item
3200-220	Cellspin III uni, 220 v
3200-110	Cellspin III uni, 110 v

* included in the basic price of the Cellspin III universal is as a standard
1x 4-positions fixed cyto-rotor (item no. 3900-4-s)
and
1x angle-rotor for falcon tubes (item no. 3800-a2).

**available with 230 v/50–60 Hz
or 115 v/50–60 Hz
Comes with a starter Kit of consumables (see p. 15 ff). Please refer to the price list "Cellspin III cyto-centrifuges" for detailed information.

cyto-centrifuges	
item no.	item
3000-4-s	Cellspin III CYto with open, fixed 4-positions-rotor
3000-4-I	Cellspin III CYto with open, removable 4-positions-rotor
3000-4-G	Cellspin III CYto with closed, removable 4-positions-rotor
3000-8-s	Cellspin III CYto with open, fixed 8-positions-rotor
3000-8-I	Cellspin III CYto with open, removable 8-positions-rotor
3000-8-G	Cellspin III CYto with closed, removable 8-positions-rotor
3000-12-s	Cellspin III CYto with open, fixed 12-positions-rotor
3000-12-I	Cellspin III CYto with open, removable 12-positions-rotor
3000-12-G	Cellspin III CYto with closed, removable 12-positions-rotor
3000-12-el	Cellspin III CYto with open, removable 12-positions easy-rotor, compatible with shandon™ Cytospin™
3000-12-eG	Cellspin III CYto with closed, removable 12-positions easy-rotor, compatible with shandon™ Cytospin™

Cellspin III performance data of Cellspin III centrifuges

Cellspin III-Model	lab	cyto	uni
application area			
Laboratory in general		—	
Cytology	—	✓	✓
performance data			
speed range, rPm	200 – 15,000	200 – 2,000	200 – 15,000 (auto. limit to 2,000 when using cyto-rotors)

Cellspin III-Model**lab****cyto****uni****Sample volume**

General laboratory use	max. 4 x 200 ml	—	max. 4 x 200 ml
max. no. of conventional samples per run (depending on rotor)	48	—	48
Cytology	—	0.1– 5 ml per rotor position, max. 60 ml per run	0.1– 5 ml per rotor position, max. 60 ml per run

max. no. of cyto samples per run (depending on rotor)

—

24

24

operation

number of memory slots	100	100	100
rotor recognition	✓	✓	✓
Quickchange for fast rotor change possible	—	✓	✓
steps speed setting / rPm	d = 10	d = 10	d = 10
acceleration levels / braking levels	10 / 10	10 / 10	10 / 10
Centrifugation time (d = 0,1)	0.1 – 99.5 min	0.1 – 99.5 min	0.1 – 99.5 min
impulse centrifugation	✓	✓	✓
Change betw. rCf and rPm display possible	✓	✓	✓
maint.-free according to dGuv100-500	✓	✓	✓

rotor variety

9 sedimentation rotors

11 cyto-rotors

9 sedimentation rotors
11 cyto-rotors**Safety**

solid metal case and lid	✓	✓	✓
automatic lid lock during the run	✓	✓	✓
emergency lid release	✓	✓	✓
stainless steel centrifugation chamber	✓	✓	✓
automatic imbalance shutdown	✓	✓	✓
motor overheating protection	✓	✓	✓
Complies with ieC 1010, en 61010-1:2010 en 61010-2-020:2006	✓	✓	✓

technical specifications

Weight (w/o rotor) / dimensions (WxdxH)	32 kg / 405 x 500 x 325 mm		
available with 230v/50-60Hz or 115v/50-60Hz	✓	✓	✓
Certification	CE IVD	CE IVD	CE IVD

CENTRIFUGES

Cellspin[®] III rotors

cyto-centrifugation or SediMentation?

the rotor has the power!

our new *Cellspin[®] III* centrifuges can be **customized according to your needs**. We offer you the right answer for every question. the unique Quickchange system allows a rotor change in seconds.

one device, an endless number of applications. the choice is yours!

Sedimentation rotors and accessories

item no.	item		lab	cyto	uni
3800-a1	angle rotor (max. 4400 rPm, max. capacity 30x 15 ml)		✓	—	✓
3800-a1-100	shields, for 3800-a1, 15 ml (set of 30)		✓	—	✓
3800-a1-200	shields, for 3800-a1, 12 ml (set of 30)		✓	—	✓
3800-a1-010	adaptor 10 ml, for shields 12 / 15 ml (1 piece)		✓	—	✓
3800-a1-020	adaptor 7 ml, for shields 12 / 15 ml (1 piece)		✓	—	✓
3800-a1-030	adaptor 5 ml, for shields 12 / 15 ml (1 piece)		✓	—	✓



3800-a1-100



3800-a1-200



3800-a1-010



3800-a1-020

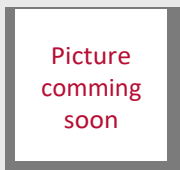


3800-a1-030

item no.	item		lab	cyto	uni
3800-a2	angle rotor for Falcon (max. 4400 rPm, capacity 6x 50 ml)		✓	—	✓
3800-a2-100	shields for 3800-a2 (set of 6)		✓	—	✓
3800-a2-010	adaptor 15 ml, for falcon (set of 6)		✓	—	✓

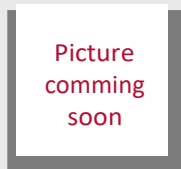


3800-a2-100

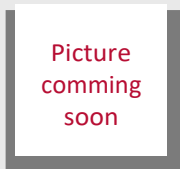


3800-a2-010

item no.	item		lab	cyto	uni
3800-a3-1	angle rotor (max. 15,000 rPm, 21,630 x g, max. capacity 24x 2 ml)		✓	—	✓
3800-a3-2	angle rotor (max. 13,000 rPm, 18,500 x g, max. capacity 30x 2 ml)		✓	—	✓
3800-a3-010	adaptor for 0.5 ml PCr tubes (1 piece)		✓	—	✓
3800-a3-020	adaptor for 0.2 / 0.4ml PCr tubes (1 piece)		✓	—	✓

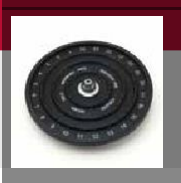


3800-a3-010



3800-a3-020

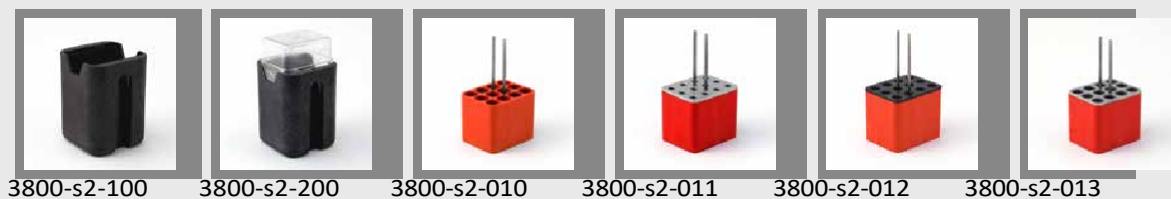
item no.	item		lab	cyto	uni
3800-a4	pcr angle rotor (max. 14,000 rPm, 19,500 x g, max. capacity 6x 8 strips or 48 PCr tubes)		✓	—	✓
3800-h1	hematocrite rotor with reading device		✓	—	✓



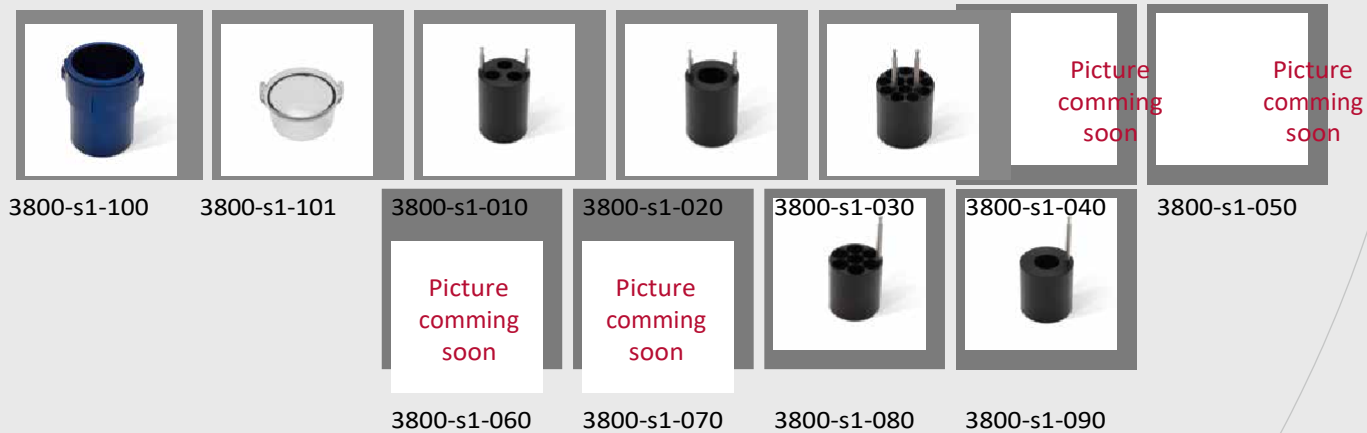
CENTRIFUGES

Cellspin[®] III rotors

item no.	item		lab	cyto	uni
3800-S2	Four place swing-out rotor (max. 4400 rPm, capacity 4x 100ml)		✓	—	✓
3800-s2-100	bucket, rectangular for 3800-s2 (set of 4)		✓	—	✓
3800-s2-200	bucket, rectangular, with plastic cover, for 3800-s2 (set of 4)		✓	—	✓
3800-s2-010	insert, rectangular, 12x 5-7 ml (set of 4)		✓	—	✓
3800-s2-011	reduction plate (Without red insert 3800-s2-010!), 12x 0.2-0.4 ml (set of 4)		✓	—	✓
3800-s2-012	reduction plate (Without red insert 3800-s2-010!), 12x 0.5 ml (set of 4)		✓	—	✓
3800-s2-013	reduction plate (Without red insert 3800-s2-010!), 12x 1.5 ml (set of 4)		✓	—	✓
3800-s2-020	insert, rectangular, for vacutainer 7x 5-7ml (set of 4)		✓	—	✓
3800-s2-030	insert, rectangular, for vacutainer 6x 10-12 ml (set of 4)		✓	—	✓
3800-s2-040	insert, rectangular, for falcon, 2x 15 ml (set of 4)		✓	—	✓
3800-s2-050	insert, rectangular, 2x 25 ml (set of 4)		✓	—	✓
3800-s2-060	insert, rectangular, 1x 50 ml (set of 4)		✓	—	✓
3800-s2-061	reduction plate (Without red insert 3800-s2-060!), for falcon, 1x 50 ml (set of 4)		✓	—	✓
3800-s2-070	insert, rectangular, 1x 100 ml (set of 4)		✓	—	✓
3800-s2-300	bucket, large size, rectangular, for 3800-s2 (set of 4)		✓	—	✓
3800-s2-310	insert, rectangular, for vacutainer 12x 5-7ml, fits ONLY into 3800-s2-300! (set of 4)		✓	—	✓



item no.	item	Picture coming soon	lab	cyto	uni
3800-S1	Four place swing-out rotor (max. 4400 rPm, capacity 4x 200ml)		✓	—	✓
3800-s1-100	bucket, round, 200 ml (set of 4)		✓	—	✓
3800-s1-101	Cover for 200 ml bucket (set of 4)		✓	—	✓
3800-s1-010	insert for 3x 15 ml conical tubes (set of 4)		✓	—	✓
3800-s1-020	insert for 1x 50 ml conical tube (set of 4)		✓	—	✓
3800-s1-030	insert for 12 open tubes 5 ml (set of 4)		✓	—	✓
3800-s1-040	insert for 6 blood collection tubes 5–7 ml (set of 4)		✓	—	✓
3800-s1-050	insert for 7 bd & Greiner collection tubes 5–7 ml (set of 4)		✓	—	✓
3800-s1-060	insert for 9 terumo / faCs collection tubes 5–7 ml (set of 4)		✓	—	✓
3800-s1-070	insert for 6 collection tubes 10ml (set of 4)		✓	—	✓
3800-s1-080	insert for 7 bd collection tubes 10 ml (set of 4)		✓	—	✓
3800-s1-090	insert for 30ml skirted tube (set of 4)		✓	—	✓



item no.	item	Picture coming soon	lab	cyto	uni
	two place swing-out rotor		✓	—	✓
	(max 3000 rPm, max capacity 6 plates)		✓	—	✓
3800-s3-100	microtiter plate carriers (set of 2)			—	



3800-s3-100

CENTRIFUGES

Cellspin® III rotors

cyto-rotors

Fixed cyto-rotors		  		
item no.	item	lab	cyto	uni
3900-4-s	oPen, fixed 4-positions rotor	–	✓	✓
3900-8-s	oPen, fixed 8-positions rotor	–	✓	✓
3900-12-s	oPen, fixed 12-positions rotor	–	✓	✓

reMovable cyto-rotors		  		
item no.	item	lab	cyto	uni
3900-4-I	oPen, removable 4-positions rotor	–	✓	✓
3900-8-I	oPen, removable 8-positions rotor	–	✓	✓
3900-12-I	oPen, removable 12-positions rotor	–	✓	✓
3900-12-el	oPen, removable 12-positions easY rotor (takes shandon™ clips)	–	✓	✓
3900-4-G	Closed, removable 4-positions rotor	–	✓	✓
3900-8-G	Closed, removable 8-positions rotor	–	✓	✓
3900-12-G	Closed, removable 12-positions rotor	–	✓	✓
3900-12-eG	Closed, removable 12-positions easY rotor (takes shandon™ clips)	–	✓	✓

Cyto-rotor
example
pictures



open 12-positions
easY rotor



open, removable
8-positions rotor



closed, removable
12-positions rotor

conSuMableS

the clever detail Make the diFFerence

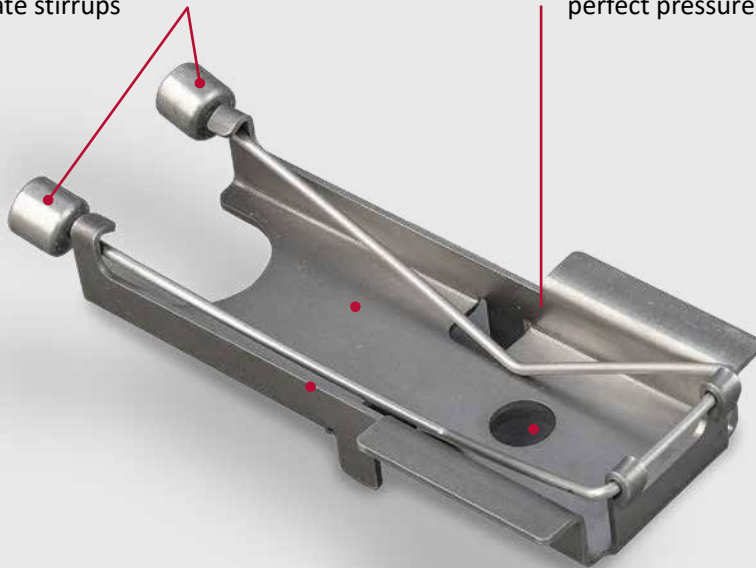
tHarmaC[®] preparation systems for cyto-centrifugation

tHarmaC[®] offers a wide range of highly developed preparation systems that allow you to execute any cytological preparation quickly and reliably. the individual components are full of clever details and are matching each other optimal. as a result, our overall systems make your daily laboratory routine easier and safer.

tharMac[®] cellclip

simple and safe operation thanks
to two separate stirrups

specially shaped contact surface for a
perfect pressure distribution



stronger material than _____
at comparable clips from other providers

safety hole to check
the correct assembly

CONSUMABLES

preparation Systems

tharMac® cellFunnel®

very strong construction to withstand the extremely high forces of centrifugation

special fins for an optimal mixing of the cell preparations

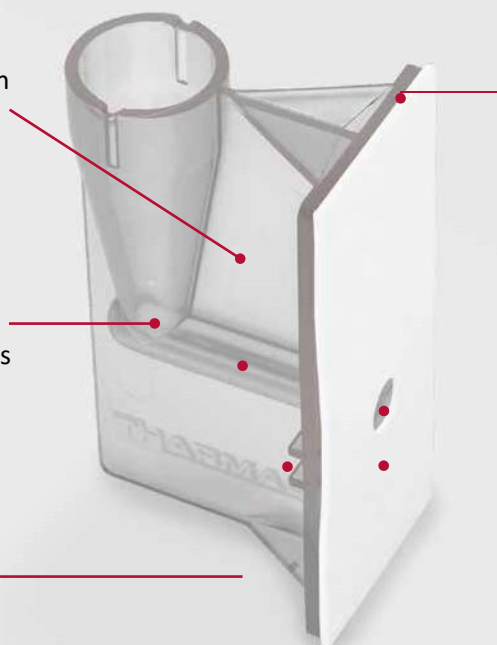
optimally calculated connection channel for an evenly spread sample distribution

excellent fit for an easy handling and reliable results

special glue for a safe connection between Cellfunnel® and filter card

millimeter accurate cut-out for the sedimentation field

special paper with an absorbency exactly adapted on the requirement



the picture above shows the disposable single Cellfunnel® (item no. 320-100 or 320-500). tHarmaC® also offers double Cellfunnel® and eCofunnel®. all systems are available as disposable and reusable and also suitable for shandon™ Cytospin™ – sample volumes from 0.1 – 5 ml.



double cellfunnel®, reusable



ecofunnel®, disposable

tharMac® cyto SlideS

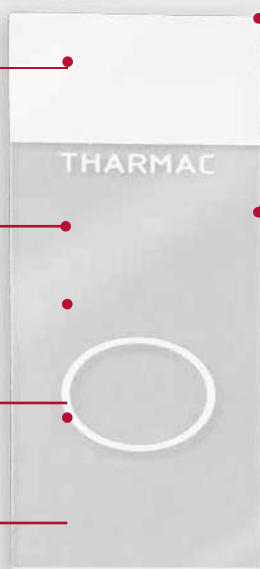
suitable for all standard staining machines

White field for easy lettering
and clear identification

special surface structure for
better cell adhesion

optionally with special
coating for even better cell
adhesion

elevated circle for an
easier sample retrieval



rounded angles and edges
for more safety

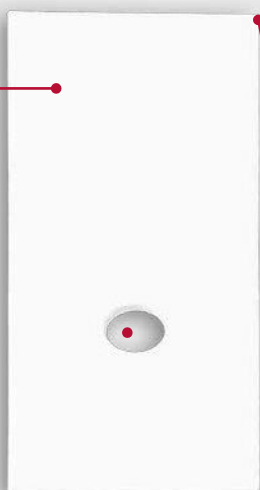
also available with two circles
or a rectangle



tharMac® Filter cards

special paper with an absor-
bency exactly adapted on the
requirement

millimeter accurate cut-out for
the sedimentation field



also available with two circles
or a rectangle

exactly tailored length, so the labeling
field of the tharMac® cyto slide is
always visible - also in the assembled
system!

CONSUMABLES

preparation Systems

accessories and consumables
for the tharMac® *Cellspin*® family
and for Shandon™ cytoSpin™



For *Cellspin*®

item no.	item	Quantity per box
302-1	CellClip stainless steel clip for <i>Cellspin</i> CellClip rotor	1
102-1	seal for closed <i>Cellspin</i> CellClip rotor	1



For Shandon™ cytoSpin™ & *Cellspin*® eaSy rotor

item no.	item	Quantity per box
390-1	stainless steel clip	1
406-12	tPX-funnel®	12
407-200	filter cards for tPX-funnel® (item no. 406)	200

for the following consumables from tharMac® you have the choice between the environmentally friendly reusable solution or a uncomplicated disposable alternative.

all systems are compatible with Shandon™ cytoSpin™.

Single cellfunnel® i reusable

- » sample volumes: up to 0.5 ml
- » sedimentation field: 1 field, round, 6 mm diameter

item no.	item	Quantity per box
304-12	single Cellfunnel®, reusable, only for item no. 305 and 326	12
305-200	filter cards only for item no. 304	200
326-200	thin filter cards ("brown" type), for samples ≤ 0.4 ml	200
310-100	Cytoslides uncoated, one circle	100
311-100	Cytoslides coated, one circle	100

Single cellfunnel® i disposable

- » sample volumes: up to 0.5 ml
- » sedimentation field: 1 field, round, 6 mm diameter

item no.	item	Quantity per box
320-100	single Cellfunnel® disposable, with fixed filter card	100
320-500	single Cellfunnel® disposable, with fixed filter card	500
1393-40	easY single Cellfunnel® disposable*, with white filter card, only for item no. 310 and 311	40
1393-200	easY single Cellfunnel® disposable*, with white filter card, only for item no. 310 and 311	200
1393-40	easY single Cellfunnel® disposable*, with brown filter card for samples ≤ 0.4 ml, only for item no. 310 and 311	40
1393-200	easY single Cellfunnel® disposable*, with brown filter card for samples ≤ 0.4 ml, only for item no. 310 and 311	200
310-100	Cytoslides uncoated, one circle	100
311-100	Cytoslides coated, one circle	100

*fits only for Cellspin® easY rotors and shandon™ Cytospin™.

CONSUMABLES

preparation Systems

double cellfunnel® i reusable

- » sample volumes: up to 2x 0.5 ml
- » sedimentation field: 2 fields, round, 6 mm diameter each
- » ideal for immunochemical examination



item no.	item	Quantity per box
306-12	double Cellfunnel®, reusable, for two samples	12
307-500	filter cards, only for item no. 306	500
309-100	Cytoslides, uncoated, two circles, only for item no. 306	100
312-100	Cytoslides, coated, two circles, only for item no. 306	100

double cellfunnel® i disposable

- » sample volumes: up to 2x 0.5 ml
- » sedimentation field: 2 fields, round, 6 mm diameter each
- » ideal for immunochemical examination



item no.	item	Quantity per box
323-100	double Cellfunnel® disposable, with two offset holes and fixed filter card, only for item no. 316 oder 317	100
323-500	double Cellfunnel® disposable, with two offset holes, and fixed filter card, only for item no. 316 or 317	500
1395-40	easY double Cellfunnel® disposable*, with white filter card, only for item no. 316 or 317	40
1395-200	easY double Cellfunnel® disposable*, with white filter card, only for item no. 316 or 317	200
316-100	Cytoslides, coated, two offset circles, only for item no. 323	100
317-100	Cytoslides, uncoated, two offset circles, only for item no. 323	100

*fits only for Cellspin® easY rotors and shandon™ Cytospin™.

ecofunnel® i reusable

- » sample volumes: up to 5 ml
- » sedimentation field: 1 field, rectangular, 22 x 15 mm

item no.	item	Quantity per box
313-12	eCofunnel®, reusable	12
314-100	eCoslide, coated	100
315-100	eCoseal, for eCofunnel® item no. 313	100
345-100	filter cards, for eCofunnel® item no. 313 for samples ≤ 0.5 ml	100
345-500	filter cards, for eCofunnel® item no. 313 for samples ≤ 0.5 ml	500

ecofunnel® i disPosable

- » sample volumes: up to 5 ml
- » sedimentation field: 1 field, rectangular, 22 x 15 mm
- » With fixed eCoseal



item no.	item	Quantity per box
322-100	eCofunnel® disposable, only for item no. 314	100
322-500	eCofunnel® disposable, only for item no. 314	500
314-100	eCoslide, coated	100
1391-40	easY eCofunnel® disposable*, inclusive eCoslides 314	40
1391-200	easY eCofunnel® disposable*, inclusive eCoslides 314	200

*fits only for Cellspin® easY rotors and shandon™ Cytospin™.

liQuid baSed cytologie preparation SySteM

the long-standing and future-proof successful
product in cervical cancer screening

gynoprep® as one of the leading diagnostic procedures contributes since many years that cervical cancer is an exception today.

gynoprep® meets the chemical requirements as a carrier medium for HPV typing according to the new guideline on gynecological cancer screening. in addition, it fulfills also the requirements of european directive 98/79/ eC (in vitro diagnostic medical device directive) and is **CE IVD**-certified!

gynoprep® is also used by the German armed forces.

in its application, it offers many key advantages over conventional smear procedures:

Standard pap smear

the usual smear shows
serious disadvantages:



not all cells are examined.

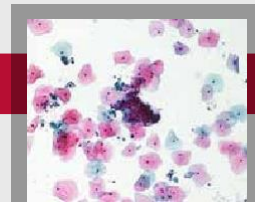
Cells can overlap.

blood can overlay the cells.

**the smear is incomplete and unclear.
this complicates the assessment!**

Smear with gynoprep®

the smear with GynoPrep®
is the better alternative to
the usual smear:



the smear is taken with a special brush, this explant is
absolutely free of pain.

after the explant, the brush is put into the GynoPrep®
liquid, which is then sent to the lab. nearly 100% of all
cells will arrive at the lab which allows a more accu-
rate assessment of the smear.

the smears are clear and clean.

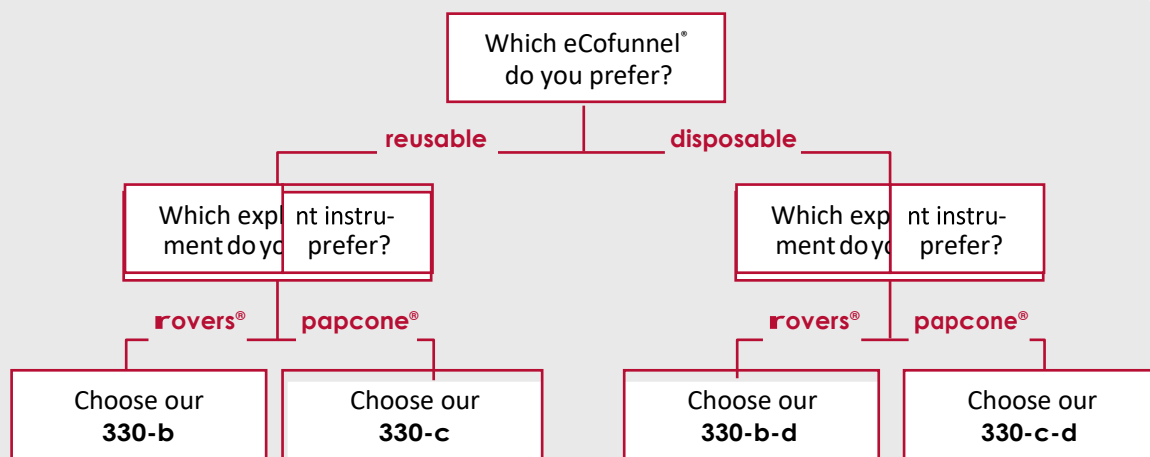
the preparations can be diagnosed more easily by the
doctor.

**precursors of cervical cancer can be recognized
safely and early.**

gynoprep®: fast, safe, simple, inexpensive – and proven!

the **gynoprep**® system is suitable for use on all common cyto-centrifuges, such as the **tharMac**® *Cellsprint III* cyto or **uni**. it is available with either **rovers**® Cervex brushes or PapCone® explant instruments as well as disposable or reusable system. Choose the combination that suits you.

the **gynoprep**® flowchart will help you find the right kit for you:



a **gynoprep**® kit contains all the required components – from the explant to the final preparation

gynoprep ® kits	item no.						
contents	330-b*	330-b-d	330-c*	330-c-d	330-S*(single)	450-b*	450-c*
100x rovers® Cervex-brush® Combi brushes	✓	✓	–	–	✓**	✓	–
100x PapCone® explant instrument	–	–	✓	✓	–	–	✓
100x GynoPrep®-fixative solution, 10 ml	✓	✓	✓	✓	✓**	✓	✓
100x eCo seal	✓	–	✓	–	✓	–	–
100x eCofunnel®, disposable	–	✓	–	✓	–	–	–
100x eCo filter cards	–	–	–	–	–	✓	✓
100x eCoslides, coated	✓	✓	✓	✓	✓	✓	✓
2x GynoPrep®-thinner fluid, 30 ml	✓	✓	✓	✓	✓	✓	✓

*requires reusable eCofunnels™ for processing

**100 individually wrapped bags, each containing 1x rovers® Cervex-brush® Combi brushes and 1x GynoPrep® fixative solution, 10 ml



tharMac gmbh

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