



Cellspin[®] I CYTOCENTRIFUGES

FOR THE PRODUCTION OF

- > Thin-layer cell preparations
- > Monolayer cell preparations



THARMAC® *Cellspin*® I

THE TOP-END PRODUCT FROM VON THARMAC®

Easy to use - reliable results

Cellspin® cytocentrifuges from THARMAC®, the world market leader for cytocentrifuges made in Germany, combine fast and reliable results with exceptionally simple operation. Is your laboratory growing? *Cellspin*® grows with you!

The unique Quickchange® system supports effective working, even with high sample volumes. Whether it be small or large volumes - *Cellspin*® delivers the right solution for every requirement. The large selection of consumables allows all of the samples to be processed in the same way and, thanks to the Double Cellfunnel® you are even able to double your sample throughput while effortlessly maintaining the same high standard of quality.

Cellspin® FROM THARMAC® - QUALITY IN GERMANY

FLEXIBILITÄT & SICHERHEIT - VORTEILE, DIE ÜBERZEUGEN

- › The only cytocentrifuge that grows with your laboratory's demands
- › Available as a 4, 8 and 12-position cytocentrifuge
- › Rotors can be extended at any time
- › Open and closed cytorotors for open or protected working
- › For diagnostic purposes in human and veterinary medicine
- › Can be used in cytology, urology, microbiology, haematology, virology, oncology and many more
- › *Cellspin*® uses familiar monolayer filter cards
- › Suitable for volumes from 0.1 to 5 ml
- › Quickchange® for quick working with high sample numbers
- › Double Cellfunnel® to double capacity with high sample numbers
- › Can be combined with Shandon™ Cytospin™
- › **Quality - made in Germany**



ROTORS

CYTOCENTRIFUGATION OR SEDIMENTATION?

The rotor has the power!

Our *Cellspin® I* can be configured entirely according to your individual requirements. We offer you the perfect answer for every cytology question. The unique Quickchange® system allows rotors to be changed in seconds. One device, endless applications. The choice is yours!

101 - THE CLOSED, REMOVABLE CYTOROTOR WITH QUICKCHANGE®

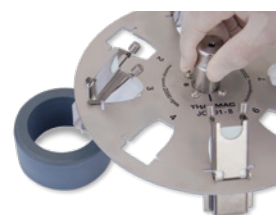
- Available as a 4, 8 and 12-position cytorotor (the picture shows the 8-position cytorotor)
- Processes up to 24 samples simultaneously
- Protects staff and the samples when loading, during use and when unloading (e.g. under a safety workbench)



Art.-No. 101

370 - THE OPEN, REMOVABLE CYTOROTOR WITH QUICKCHANGE®

- Available as a 4, 8 and 12-position cytorotor (the picture shows the 8-position cytorotor)
- Processes up to 24 samples simultaneously
- Rapid rotor changes allow the readying of further samples in a second rotor during preparation and therefore a significant increase in sample throughput



Art.-No. 370

105-12-EL - THE OPEN, REMOVABLE EASY ROTOR

- › Cyt rotor especially as an supplement to the Shandon™ Cytospin™
- › Processes up to 24 samples simultaneously



Art.-No. 105-12-EL

105-12-EG - THE CLOSED, REMOVABLE EASY ROTOR

- › Cyt rotor especially as an supplement to the Shandon™ Cytospin™
- › Processes up to 24 samples simultaneously

380 - THE SWING-OUT ROTOR WITH QUICKCHANGE® FOR 15 ML CENTRIFUGE TUBES

- › Sedimentation rotor for up to 8 centrifuge tubes
- › Suitable for 15 ml centrifuge types ("Falcon" type)
- › With Quickchange® for a quick change between cyto centrifuge and laboratory centrifuge



Art.-No. 380

381 - THE SWING-OUT ROTOR WITH QUICKCHANGE® FOR 50 ML CENTRIFUGE TUBES

- › Sedimentation rotor for up to 6 centrifuge tubes
- › Suitable for 50 ml centrifuge types ("Falcon" type)
- › With Quickchange® for a quick change between cyto centrifuge and laboratory centrifuge

Art.-No. 381,
partially with 382**382 - THE ADAPTER (COMPATIBLE WITH 381)**

- › Reduction to 15 ml centrifuge tubes ("Falcon" type)

All open cytorotors are also available as fixed-installation variants!

THARMAC® *Cellspin® I*

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CELLSPIN I

TECHNICAL SPECIFICATIONS

Zyto-centrifuges

Sample volumes

- › Single Cellfunnel®: 0, 5 ml
- › Double Cellfunnel®: 2x 0,5 ml
- › ECOfunnel®: 5 ml

Performance

- › 6.000 RPM*
 - 208-240V/50-60Hz
 - 115V/60Hz
- *with CellClip rotor / swing-out rotor
- up to 2,000 RPM

Rotors

- › CellClip-Rotor
 - Cyt rotor with 4, 8 or 12 positions
 - Removable or screwed-in
 - Open or closed
- › Swing-out rotors
 - Sedimentation rotor for 15 or 50 ml centrifuge tubes ("Falcon" type)

Ease of operation

- › Ergonomic operation and information panel
- › Simple rotor changes thanks to Quickchange®

Control

- › Film keypad
 - For precise, fast and simple entry of the parameters with option keys
- › Speed RPM
 - d = 100 RPM, from 500 RPM
- › Time t/min
 - Input in minutes, up to 99 min
- › Pulse button
 - for brief initial centrifugation
- › RCF button
 - display of the approximate RCF during the run

Safety

- › Cover locking and retainer
- › Imbalance shut-off
- › Automatic rotor detection
- › Emergency unlocking
- › IEC 1010
- › Safety alarm to protect users and samples

Construction

- › Metal housing and cover
- › Centrifuge space made from rust-free stainless steel
- › Clip lock Viewing window in the cover

Dimensions (h x w x d)

- › 26 x 37 x 43 cm

Weight

- › Approx. 25 kg

CLEVER SOLUTIONS AT AFFORDABLE PRICES



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