



**slee** solutions  
for  
pathology

CENTRIFUGES  
**CS I / CS II**

FLEXIBLE USE OF THE SYSTEM  
INCREASES LABORATORY EFFICIENCY  
INDIVIDUALLY CUSTOMIZABLE

DESIGN &  
MANUFACTURING  
MADE IN GERMANY

# CS I / CS II

## Cytocentrifuges

**CS I** and **CS II** centrifuges are a cost-effective alternative for monolayer cell preparation, providing consistent performance and user friendliness. The systems are equipped with an open or closed rotor for up to 12 loading positions which can be easily removed for external loading.

Single or double sample chambers are available as disposable or reusable after proper cleaning. For a flexible use of the system a variety of sediment rotors are available on request. The **CS II** centrifuge is depending on the model equipped with cooling. Up to 10 memory programmes can be saved.

### Highlights

#### **Flexible selection and handling of rotors**

- Cytocentrifugation open or closed (12 loading positions)
- Easily removable rotor for outside loading
- Large variety of rotors available (sediment, cytocentrifuge)
- CS II with optional cooling and up to 10 memory programmes

#### **Suitable consumables**

- Cytofunnel single or double (reusable or disposable)
- Large volume ECOfunnel® (reusable or disposable)
- Filter cards

#### **Easy and safe handling**

- Convenient preparation
- Slide clips applicable to reusable and disposable funnels
- Slide label readable at any time
- Indication of the RCF during centrifugation

	Item No.
<b>CS I 230 V, 50/60 Hz</b> Open rotor	15500000
<b>CS I 230 V, 50/60 Hz</b> Closed rotor	15500001
<b>CS I 115 V, 60 Hz</b>	on demand

	Item No.
<b>CS II 230 V, 50/60 Hz</b> Open rotor	15500100
<b>CS II 230 V, 50/60 Hz</b> Closed rotor	15500101
<b>CS II 230 V, 50/60 Hz</b> Open rotor, with cooling	15501100
<b>CS II 230 V, 50/60 Hz</b> Closed rotor, with cooling	15501101
<b>CS II 115 V, 60 Hz</b>	on demand





CS rotor with 12 loading positions

Standard components	CS I Open rotor	CS I Closed rotor	CS II Open rotor	CS II Closed rotor
<b>Cellclip rotor,</b> open (12 positions)	✓		✓	
<b>Cellclip rotor,</b> closed (12 positions)		✓		✓
<b>Cellclip</b> (stainless steel, 12 pcs.)	✓	✓	✓	✓
<b>Cytofunnel,</b> reusable (12 pcs.)	✓		✓	
<b>Filter cards for cytofunnel,</b> reusable Item No. 39910001 standard (200 pcs.)	✓	✓	✓	✓
<b>Cellslides</b> Item No. 39910003 (100 pcs.)	✓	✓	✓	✓
<b>Mains cable</b>	✓	✓	✓	✓
<b>Manual</b>	✓	✓	✓	✓



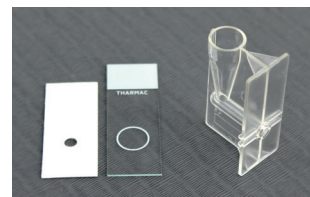
Specifications	CS I	CS II
<b>Application</b>	cytology	cytology, laboratory
<b>Cooling / temperature</b>	-	down to -20 °C (optional)
<b>Cytofunnel capacity</b>	single 0.5 ml / chamber double 0.5 ml / chamber ECOfunnel® 5 ml / chamber	single 0.5 ml / chamber double 0.5 ml / chamber ECOfunnel® 5 ml / chamber
<b>Memory programmes</b>	-	up to 10
<b>Rotor capacity</b>	up to 12	up to 12
<b>Applicable rotors</b>	cellclip rotor (cytocentrifugation) swing-out rotor (different sizes) fixed angle rotor (different sizes)	cellclip rotor (cytocentrifugation) swing-out rotor (different sizes) fixed angle rotor (different sizes)
<b>Centrifuge operation</b>	up to 6,000 rpm depending on the selected rotor), timer 0 - 99 min.	up to 15,000 rpm depending on the selected rotor), timer 0 - 99 min.
<b>Safety</b>	automatic rotor recognition, lid locking and holding	automatic rotor recognition, lid locking and holding
<b>Electrical parameters</b>	230 V, 50/60 Hz	230 V, 50/60 Hz
<b>Dimensions (W x D x H)</b>	370 x 430 x 260 mm	400 x 700 x 350 mm
<b>Weight</b>	25 kg	29 kg



# Reusable preparation systems

## Cytofunnel single, reusable

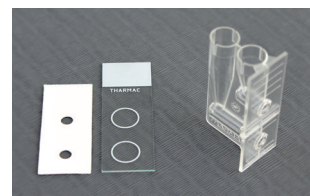
	Quantity	Item No.
<b>Cellclip</b>	1 pcs.	39910031
<b>Cytofunnel single</b>	12 pcs.	39910000
<b>Filter cards</b> (only for cytofunnel single 39910000) up to 0.5 ml	200 pcs.	39910001
<b>Filter cards</b> (only for cytofunnel single 39910000) thin, up to 0.4 ml	200 pcs.	39910006
<b>Cellslides single</b> , uncoated	100 pcs.	39910002
<b>Cellslides single</b> , coated	100 pcs.	39910003



Cytofunnel single, reusable

## Cytofunnel double, reusable

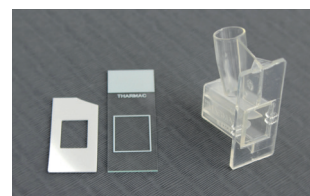
	Quantity	Item No.
<b>Cellclip</b>	1 pcs.	39910031
<b>Cytofunnel double</b>	12 pcs.	39910010
<b>Filter cards</b> for cytofunnel double up to 2 x 0.5 ml	500 pcs.	39910011
<b>Cellslides double</b> , uncoated (only for cytofunnel double, reusable 39910010)	100 pcs.	39910012



Cytofunnel double, reusable

## Cytofunnel ECOfunnel®, reusable

	Quantity	Item No.
<b>Cellclip</b>	1 pcs.	39910031
<b>Cytofunnel ECOfunnel®</b>	12 pcs.	39910020
<b>ECOseal</b> seal for ECOfunnel®	100 pcs.	39910021
<b>ECOslides</b> , coated	100 pcs.	39910022



Cytofunnel ECOfunnel®, reusable

## Accessories and consumables for third party products

All components of the CS centrifuge series like funnels, filter cards and slides are compatible to the Thermo Fisher / Shandon Cytospin series. To use CS centrifuge consumables in these third-party products, simply replace the original clip with the CS series cellclip Item No. 39910030.

# Rotors

## Rotor (closed)

CS centrifuge, removable, 12 positions

Item No.

39910100

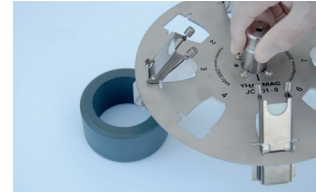


## Rotor (open)

CS centrifuge, removable, 12 positions

Item No.

39910050



## EASY rotor (closed)

12 positions, without stainless steel clips,  
for EASY / double cytofunnel

Item No.

15500600



## EASY rotor (open)

12 positions, without stainless steel clips,  
for EASY / double cytofunnel

Item No.

15500601

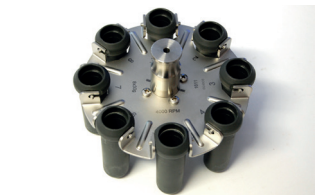


## Swing-out rotor 8-point

for 15 ml

Item No.

39910042



## Swing-out rotor 6-point

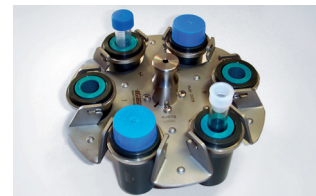
for 50 ml

Item No.

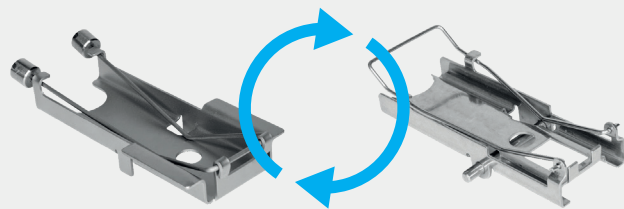
39910043

Adapter for 15 ml (only for 39910043)

39910044



The **cellclip of the CS series** can be easily exchanged for a third-party cellclip!



Cellclip of the CS series

Third-party cellclip

# Disposable preparation systems

EASY cytology funnel can only be used in Thermo Cytospin or with the EASY rotor of the **CS** centrifuge!

## EASY cytofunnel single, disposable

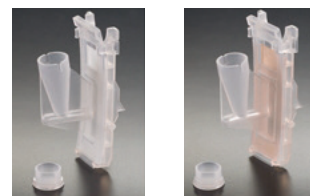
With white filter card up to 0.5 ml

Quantity Item No.

40 pcs. 39910090

With brown filter card up to 0.5 ml

on demand



EASY cytofunnel single

## EASY cytofunnel double, disposable

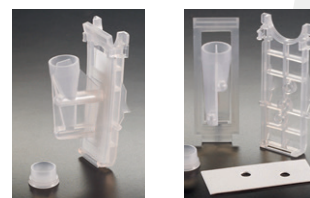
With white filter card up to 2 x 0.5 ml

Quantity Item No.

40 pcs. 39910091

With brown filter card up to 2 x 0.5 ml

on demand



EASY cytofunnel double

## Cytofunnel single, disposable

Cellclip

Quantity Item No.

1 pcs. 39910031

Cytofunnel single up to 0.5 ml

100 pcs. 39910004

Cytofunnel single up to 0.5 ml

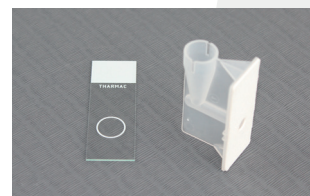
500 pcs. 39910005

Cellslides single, uncoated

100 pcs. 39910002

Cellslides single, coated

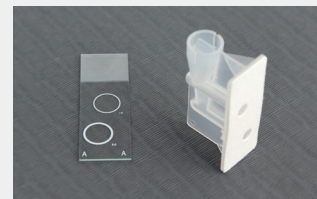
100 pcs. 39910003



Cytofunnel single, disposable

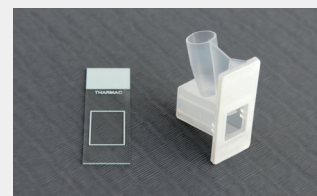


<b>Cytofunnel double, disposable</b>	<b>Quantity</b>	<b>Item No.</b>
<b>Cellclip</b>	1 pcs.	39910031
<b>Cytofunnel double,</b> sample chamber with 2 shifted holes, up to 2 x 0.5 ml	100 pcs.	39910014
<b>Cytofunnel double,</b> sample chamber with 2 shifted holes, up to 2 x 0.5 ml	500 pcs.	39910015
<b>Cellslides double, uncoated</b> (only for cytofunnel double 39910015)	100 pcs.	39910016
<b>Cellslides double, coated</b> (only for cytofunnel double 39910015)		on demand



Cytofunnel double,  
disposable

<b>ECOfunnel®, disposable</b>	<b>Quantity</b>	<b>Item No.</b>
<b>Cellclip</b>	1 pcs.	39910031
<b>ECOfunnel®, up to 5 ml</b>	100 pcs.	39910023
<b>ECOfunnel®, up to 5 ml</b>	500 pcs.	39910024
<b>ECOSlides, coated</b>	100 pcs.	39910022
<b>ECOSlides, uncoated</b>		on demand



ECOfunnel®,  
disposable

# Service

We are committed to provide world-class support to our global customers at all times. We strive to advise you professionally before purchase and to support you during installation and initial setup. In addition, it goes without saying that we will always be available as a reliable partner during the longtime use of our products.

You can contact us directly with any kind of questions. In order to process your inquiries in time, please always include the following information:

- User name
- Address
- Phone number
- E-mail
- Type of device
- Serial number of device
- Date of purchase
- Detailed case description

**Service Hotline:** +49 (0) 6136 76997-0

**Service E-mail:** [service@slee.de](mailto:service@slee.de)

# Trainings

## *Service and application training*

Well-trained staff is crucial for the implementation of regular service and maintenance of high quality.

We offer regular service and application training for our worldwide distribution partners.

Visit [www.slee.de](http://www.slee.de) to access the training schedule and to download the registration form.

## **Training requests**

**Tel.:** +49 (0) 6136 76997-0

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Notes



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