

RCM 7000

Glass Coverslipper



- *The most successful fully automated glass coverslipper worldwide*
- *Sophisticated and extreme reliable instrument of high performance*
- *Compatible to every staining machine in the market*

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The new high speed glass coverslipping machine **RCM 7000** assures consistent bubble-free dispensing of the mounting media at a high quality standard.

Its high technology brings both high speed and reliable coverslipping to a new generation of coverslipping machine. The **RCM 7000** will allow you to significantly speed up the coverslipping process used in histopathology research and specimen preparation.

Fast Coverslipping

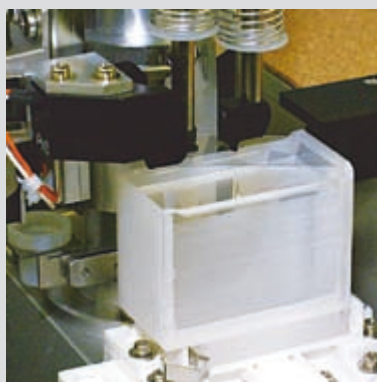
- The process time of the **RCM 7000** is approximately 9 sec/slide
- It processes up to 400 slides per hour
- With a six-step speed adjustment you can choose the processing speed that meets your requirements

Adjustable Coverslipping Pressure

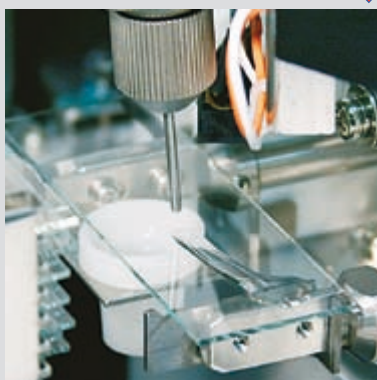
- The coverslipping pressure can be adjusted depending on the type of specimen
- The speed and dispensing volume of mounting media can be adjusted as well
- Air bubbles during coverslipping are avoided

Slide by Slide Process

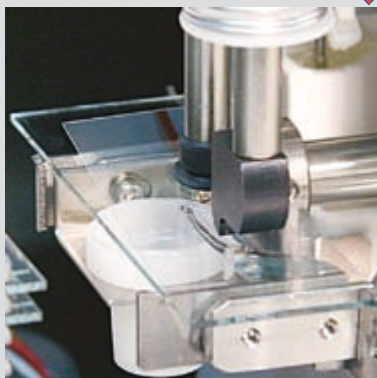
- In the **RCM 7000** the slides carrying the samples are picked up individually one by one, assuring exact positioning
- This technology minimizes the risk of damage to the sample in case of an emergency stop of the machine, such as power failure
- Slides are conveniently stored in a rack as soon as the coverslipping process is completed



1. Pick up of coverglass



2. Dispensing mounting media on slide glass



3. Coverslipping



4. Storage slide glass to rack

Capacity

Coverglass Storage

The **RCM 7000** has an increased coverglass storage capacity. It will store up to 200 pcs. This reduces the number of times required to refill the coverglass case thus saving time.

Flexibility

Line Drop and Point Drop Operations are available

Selectable type of dispensing (line or point) depending on the size and thickness of the specimen. The dispensing volume can be changed from 25% to 250%.

Compatibility

Commercial Coverglass and Mounting Media applicable

Most commercial coverglasses and mounting media can be used*. There is no need in most cases to put the media into another bottle or container.

*Please consult your dealer for available coverglass and mounting media qualities.

Information

Coverslipping Status and Error Alarm

The **RCM 7000** alerts when it runs out of coverglasses, a coverglass is broken, or the storage racks are full of processed slide glasses. An alarm sounds and the LCD starts flashing.



Hood

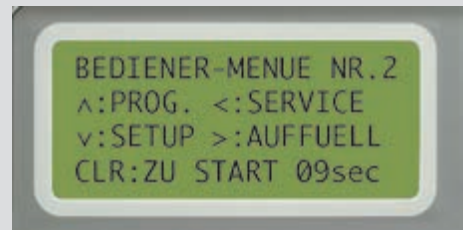
prevents the withdrawal of xylene steam and protects the tissues against dust during coverslipping.

Dispenser

The dispenser automatically returns to a xylene reservoir after every completed coverslipping process. This prevents drying of the dispenser needle.

Operation panel

Easy to see, use and check operational status.



Exhaust fan

The RCM 7000 is equipped with an exhaust fan that leads toxic fumes through the connected duct hose to the outside. A charcoal filter is available as an extra option.



Stable Dispensing of Mounting Media

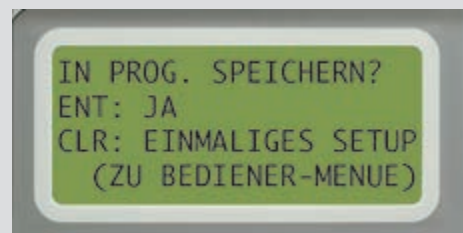
The new media bottle attachment allows most mounting media containers to be simply screwed in place. This minimizes air bubbles and assures more reliable dispensing of the media. It is easy to set up.

Basket Container

The container has a capacity of up to 60 slides in different types of baskets. It can be filled with adequate solvent (xylene, xylene substitutes or alcohol, depending on quality of mounting medium) to prevent the samples from drying out.

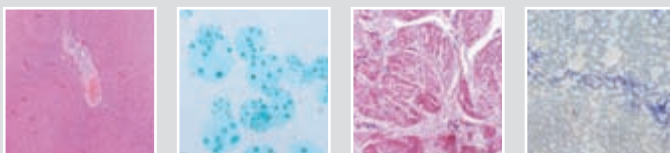
Programmable Coverslipping Pattern

It is possible to program speed, pressure, dispensing volume and size of coverglass. There are four memory locations for this purpose. The data can be changed at any time.



Large Variety of Accessories

A wide selection of baskets, adapters and basket holders is available to make the coverslipping machine RCM 7000 compatible to all usual staining machines on the market. This avoids the need of reloading the slides.



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Technical data:

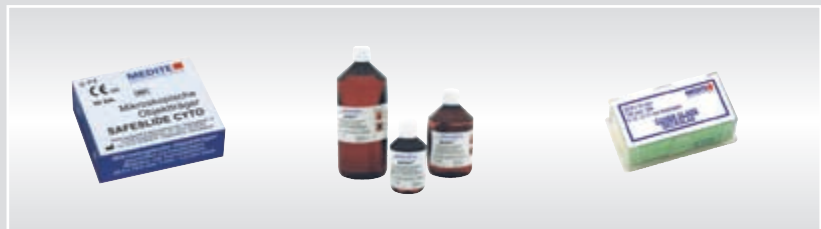
Throughput of slides:	up to 400 slides per hour changeable 6-shift speed
Dispensing volume:	0.04 - 0.2 cc adjustable per dispensing
Viscosity:	80 - 800 CP (recommended: Medite Pertex®, Mountex®, X-TRA Kitt®)
Mountant container:	commercially available container with up to 500 ml or Medite® standard container
Display:	LCD
Slide:	
Size:	26 x 76 mm
Thickness:	0.9 - 1.2 mm
Capacity to load:	60 pieces
Coverglass:	
Size - Standard:	24 x 40, 50, 55, 60 mm
Size - Option:	24 x 32, 36 mm 25 x 40, 50, 55, 60 mm
Thickness:	0.12 - 0.17 mm
Capacity to load:	200 pieces
Dimensions (W/D/H):	500 x 540 x 640 mm
Weight:	65 kg
Power supply:	110-230 V / 50/60 Hz / 460 VA

Safety:

Front door and hood have to be closed before operating the **RCM 7000**. When opened during the operating procedure the instrument stops automatically to protect the user against xylene steam.

We recommend:

Medite® offers a great variety of **microscope slides** and **coverglasses** in different qualities and sizes as well as the suitable **mounting media**.



07-2008 / Subject to change without prior notice.

MEDITE 

MEDITE GmbH

Wollenweberstr. 12

D-31303 Burgdorf/Germany

Tel. +49 (0) 51 36/88 84-0

Fax +49 (0) 51 36/88 84-55

www.medite-group.com

Distributor:

Made in Germany