

**Let's talk... : RNA, DNA, genes, proteins, enzymes, cells, bacteria, peptides  
: Heto makes it faster, esier, safer, more efficient / Heto-Holten A/S.**

**Contributors**

Heto-Holten.

**Publication/Creation**

Allerød : Heto-Holten, 1993.

**Persistent URL**

<https://wellcomecollection.org/works/vt3ceu8s>

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**wellcome  
collection**

Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

# LET'S TALK...

RNA  
DNA  
GENES

PROTEINS  
ENZYMES  
CELLS  
BACTERIA  
PEPTIDES

## HETO MAKES IT

- Faster
- Easier
- Safer
- More efficient

 **Heto**  
Lab Equipment



# YOU'VE GOT THE SAMPLES... WE'VE GOT THE EQUIPMENT



## CO<sub>2</sub>-INCUBATOR

CELLS  
RNA  
DNA  
GENES

- Large volume of 220 L.
- Sterile filter mounted on CO<sub>2</sub> and air supply.
- Automatic back-up system ensures all pre-set parameters are kept constant.
- Easy-to-operate microprocessor control system ensures correct temperature and gas supply.
- Heating in the outer door prevents condensation on the inner door.
- Shelves and shelf racks are easy to remove for easy cleaning.
- Built-in heating element ensures precise and uniform temperature ( $\pm 0.5^\circ\text{C}$ ) and extends the life of the incubator.
- Models with water jacket and IR sensors are also available.

Heto has the  
CO<sub>2</sub>-incubator of tomorrow:

**NEW**



## FREEZE DRYING

GENES  
RNA  
DNA  
BACTERIA  
PEPTIDES  
ENZYMES  
PROTEINS

Heto offers freeze drying  
equipment for all  
applications and for all  
volumes:

- Vials
- Ampoules
- Flasks
- Bulk

- Lab-scale ice capacity from 1 Kg/24 hrs. up to 8 Kg/24 hrs.
- Condenser volume up to 60 L.
- Large cooling capacity for fast and reproducible freeze drying.
- Wide range of accessories making all types of applications possible.
- Easy to operate.
- Lowest noise level.



## -85°C FREEZERS

CELLS, RNA, DNA,  
BACTERIA, PEPTIDES,  
ENZYMES

Heto presents a complete range of  
-85°C upright and chest freezers:

- Volumes up to 460 L.
- Easy-to-read L.E.D. display for temperature read-out.
- Microprocessor supervision of all parameters with either analogue or digital read-out.
- Reliable cooling system uses Danfoss compressors.
- Lowest noise level ensures best working conditions in the laboratory.

Model	CL 1408	CL 2008	CL 3008	CL 4008	CL 410
Type	Chest	Chest	Chest	Chest	Upright
Volume, L	123	178	268	420	460



### IS YOUR FREEZER A MESS?

Optimize the volume of your  
freezer and get your samples  
in order with **Heto Cryorack  
System**. Can be used for any  
kind of freezer:

- Variable height of the shelves.
- Easy to handle in the freezer.
- Made of aluminium for a longer life time.

Upright freezer with draw-  
shelf system.  
Chest freezer taking different  
cryo racks.



Rack	CL-flex-0	CL-flex-1	CL-flex-2	Shelves
Cat. no.	003361	003349	003348	003362
Height, mm	285	348	600	--
Suits freezer type	CL 410	CL 1408-3008	CL 1408-4008	--



## GEL DRYING

RNA  
DNA  
PEPTIDES  
ENZYMES  
PROTEINS

The Heto GD-1 gel dryer

- Large-surface geldryer.
- Supplies heat from the bottom vacuum side of the gel to avoid cracking, improve reproducibility and speed up the drying rate.
- Variable temperature range from +40°C to +80°C with timer functions.
- Timer for vacuum and temperature for easy and safe operation.



RNA  
DNA  
BACTERIA  
PEPTIDES  
ENZYMES  
PROTEINS

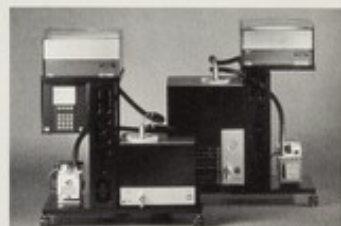


## VACUUM CONCENTRATION

Heto offers a wide range of  
complete vacuum  
concentration systems:

- Larger sample volume – takes a large number of samples at a time.
- 2 types of systems – for aqueous and for organic solutions.
- The cooling trap is equipped with a drain valve making the use of expensive and fragile glass inserts unnecessary.
- Gives maximum protection for the environment and the vacuum pump.
- Space-saving.

- Wide selection of accessories e.g. microprocessor control system, gel dryers and freeze dryers.



# ROTAMIX-GEL

20% DISCOUNT

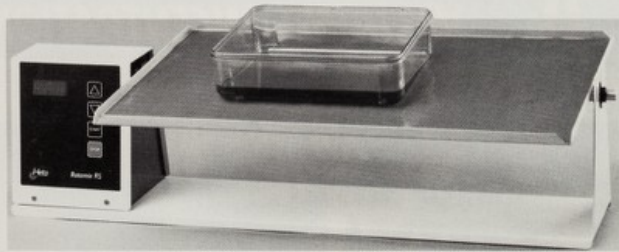
Get our Rotamix-Gel on trial for 2 weeks and have 20% discount if you decide to keep it within the first week.

Rotamix-Gel is used for mixing when working with incubation, colouring or blotting of gels from electrophoresis.

- Gradually variable angle from 5° to 45°.
- Digital read-out of speed, angle and time.
- Incl. large platform.
- Robust, reliable and noiseless.

Reader service no. 105.

Model	Rotamix RS PL 28
Cat.no.	000917 (220V)/ 000967 (115V)
Rotation speed, RPM	Variable within 1-10
Power consumption, W	4
Material	Cabinet: white epoxy coated steel Platform: acid-proof stainless steel
Dimensions, DxW mm	280x450



Heto-Holten A/S  
Gydevang 17-19  
DK-3450 Allerød Denmark  
Telephone: +45 48 14 27 77  
Telefax: +45 42 27 46 55  
Telex: 40037

## Get our comic poster

and the new complete range catalogue from Heto, Holten and Holm & Halby free of charge!

Participate in our competition for:

- 2 large de luxe boxes of fine Danish quality Anton Berg chocolate.
- 5 boxes of fine Danish quality Anton Berg chocolate.

All you have to do is to answer the following question correctly on the reply card and send it to us.

The question is:

**HOW LARGE IS THE VOLUME OF HETO'S NEW CO<sub>2</sub>-INCUBATOR?**



C.T.03.93

YES, please send me:

The new complete range catalogue free of charge from:  
 Heto     Holten     Holm & Halby

YES, please send me:

A brochure and additional information on:

- CO<sub>2</sub>-incubator
- 85°C freezer:     Chest     Upright
- Vacuum concentration systems
- Freeze drying equipment     Gel drying equipment
- Others: \_\_\_\_\_
- YES, please let a salesman contact me.

How large is the volume of Heto's new CO<sub>2</sub>-incubator? \_\_\_\_\_

- YES, I would like to have Rotamix-Gel on trial for 2 weeks free of charge

Company/Inst.: \_\_\_\_\_

Department: \_\_\_\_\_

Address: \_\_\_\_\_

Person to contact: \_\_\_\_\_

Tel.: \_\_\_\_\_ Fax: \_\_\_\_\_



**Heto-Holten A/S**  
Gydevang 17-19  
DK-3450 Allerød  
Denmark