

# UNICHROMAT-Model year 2011

Special Chromatography Cabinet for Äkta-Systems  
from GE-HEALTHCARE

## UNICHROMAT 1500

Mod. 2011 with more power: **1744W**

**New isolation: 80mm**



**UNICHROMAT 1500** for the Äkta System

- Left chamber: Shelf for the Äkta system max 100kg, 2x power socket
- Right chamber: 3x shelves, max. 20kg, 2x power socket
- In the middle: 2x support system for columns.



- Available volumes: 700 / 1500 /1700/2100 liters
- Interior made of stainless steel
- White housing, powder coated
- Digital temperature control with visual alarm
- Digital display in 0,5°C
- Potential-free outlet for connection to a house alarm system,
- **Over-temperature protection**
- **Under temperature safety device with own sensor**
- **The humidity control is based on the evaporator fan functioning according to the compressor working status.**
- CFC/HCFC - free cooling system, fully hermetically sealed and with forced ventilation, mounted on anti-vibration damper, smooth running and low noise emission
- Working temperature: +4°C constant – **with amplified cooling performance, for compensating the heating emission of the Äkta-System**
- Regulation from +1°C to +18°C
- PT-100 temperature control sensor
- Adjustable shelves of stainless steel
- Fully insulated safety-glass doors, self-closing, large glass area for best viewing conditions
- Fully-automatic defroster
- 2x moisture-proofed internal electrical sockets in each chamber
- 2x access ports 40mm left & right
- Illumination
- Double blower for air circulation
- Condensate removal system
- Evaporator is mounted outside of the chamber on top against electromagnetic interference of the Äkta
- Wheels with breaks + 1x adjustable foot=1500/1700/2100
- 4 x adjustable foot=Unichromat 700
- Power 220V / 50Hz
- Lock included

**Specifically designed for the Äkta-System from GE Healthcare:**

- Telescopic-shelves, placed according to user's needs
- Retractable over telescopic rails
- Maximum loading capacity 100kg

**Accessories:**

- Additional moisture-proofed plugs
- Additional shelves
- Retractable drawers
- Chromatography-column holder
- Data logger with alarm and software
- Models 1500 without middle-column for big instruments
- **Twin Compressor for 2x ÄKTA System (2x1700W)**
- **Special UNICHROMAT for the Äkta AVANT System (Unichromat1700)**

*Beste Qualität für das beste Chromatography System.  
Best quality for the best Chromatography System*

## UNICHROMAT-1500



## UNICHROMAT-700



**Unichromat 700**  
for the ÄKTA System  
-Shelve for the Äkta System  
-4x Power Socket  
-1x Support System  
for columns

| Model                                                | UNICHROMAT<br>700                               | UNICHROMAT<br>1500                              | UNICHROMAT<br>2100                              |
|------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Dimensions, mm (WxDxH)<br><u>external dimensions</u> | <u>780x 840x 2100</u>                           | <u>1560x 840x 2020</u>                          | <u>2250x 840x 2020</u>                          |
| internal dimensions                                  | 600x 670x 1510                                  | <b>1350x 670x 1520</b>                          | 2050x 670x 1520                                 |
| No. of shelves                                       | 3 (without Äkta shelve)<br>0 (with Äkta shelve) | 6 (without Äkta shelve)<br>3 (with Äkta shelve) | 9 (without Äkta shelve)<br>6 (with Äkta shelve) |
| WxD, shelve                                          | 525x490 mm                                      | 525x490 mm                                      | 525x490 mm                                      |
| WxD, Äkta sliding support                            | 550x560 mm                                      | 550x560 mm                                      | 550x560 mm                                      |
| No. of glass doors                                   | 1                                               | 2                                               | 3                                               |
| Weight, net                                          | 150 kg                                          | 250 kg                                          | 350 kg                                          |
| Temperature range                                    | +1°C bis +18°C                                  | +1°C bis +18°C                                  | +1°C bis +18°C                                  |
| Power<br>Refrigerant                                 | 850W<br>R 404 A (0.35 kg)                       | <b>1744W</b><br>R 404 A (0.40 kg)               | 2407W<br>R 404 A (0.55 kg)                      |