

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 700 | UNICHROMAT 1500 | UNICHROMAT 2100 |
|-------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Dimensions, mm (WxDxH) <u>external dimensions</u> | <u>780x 840x 2100</u> | <u>1560x 840x 2020</u> | <u>2250x 840x 2020</u> |
| internal dimensions | 600x 670x 1510 | 1350x 670x 1520 | 2050x 670x 1520 |
| No. of shelves | 3 (without Äkta shelve) 0 (with Äkta shelve) | 6 (without Äkta shelve) 3 (with Äkta shelve) | 9 (without Äkta shelve) 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 Refrigerant | 850W R 404 A (0.35 kg) | 1744W R 404 A (0.40 kg) | 2407W R 404 A (0.55 kg) |