



# CENTRIFUGES

Meticulously designed to redefine your  
laboratory experience

**A range of sophisticated micro centrifuges meticulously crafted to redefine your laboratory experience.**

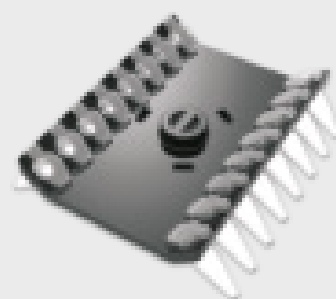
With insights gleaned from extensive user-research, Borosil's MCF08VT is everything that a user could want. From reliable performance and high-quality components to intelligently designed chassis and user-friendly interface, MCF08VT is built to make your life easier in the lab.



**8 x 1.5/2ml rotor**



**PCR strip rotor**



**0.2/0.5ml tube reducers**





## Key Features

Microprocessor controlled for efficient performance

Compact footprint to save valuable space

Dedicated digital display for displaying various parameters

Variable timer setting from 1-25 min and infinite mode

Highly durable because of robust construction

Multiple rotor options including a PCR rotor option

Variable speed from 2000 - 6000 RPM

Compact yet robust design

8 Place micro centrifuge closed rotor model

## Technical Data & Ordering Information

| Model Name                                         | MCF08VT                                                                                                             |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Rotor position                                     | 8 x 1.5/2.0 ml Microtubes                                                                                           |
| Tube capacity in ml                                | 1.5 / 2.0 / 0.2 / 0.5                                                                                               |
| Max speed (rpm)                                    | 1000-6000 rpm in 100rpm steps                                                                                       |
| RCF (g)                                            | 2000g                                                                                                               |
| Display                                            | Digital                                                                                                             |
| Noise level                                        | < 55 db                                                                                                             |
| Imbalance detection                                | Yes                                                                                                                 |
| Timer                                              | 1-25 Minutes & infinite mode                                                                                        |
| Dimension (L X W X H) mm                           | 162 x 157 x 116                                                                                                     |
| Weight                                             | 1.1 Kg (with rotor)                                                                                                 |
| Rotors and Adaptors<br>(included in standard pack) | 8 x 1.5/2.0 ml Closed Rotor,<br>PCR strip Rotator (2 x 8 x 0.2 ml)<br>Reduction adaptors for 0.2 / 0.5ml Microtubes |
| Ordering Code                                      | 100MCF00800VT0                                                                                                      |

HSN Code : 84211999

**A range of sophisticated micro centrifuges meticulously crafted to redefine your laboratory experience.**

Delivering top-notch accuracy in every cycle despite high load, MCF12VT has been designed keeping in mind the requirements of the clients. The lightning-fast 15000 RPM microprocessor-controlled centrifuge can perform at peak efficiency and give the desired results. It provides smooth and silent operation even at maximum speed.

12 x 1.5/2 ml rotor



2 x 8 x 0.2 ml strip rotor



## Key Features

Microprocessor controlled for efficient performance

Variable speed upto 15000 RPM

Intuitive interface for quick and convenient setting with last run memory feature

Smooth & silent operation even at maximum speed

One-touch short spin

Large display for easy viewing of multiple parameters with a single glance

One touch RPM / RCF conversion operation

Safe low voltage device

Compact design and can also be used in hoods and cold rooms

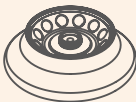
## Technical Data & Ordering Information

| Model Name                                      | MCF12VT                                                                                                                |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Rotor position                                  | 12 x 1.5ml / 2.0ml Microtubes                                                                                          |
| Tube capacity in ml                             | 1.5 / 2.0 / 0.5 / 0.4 / 0.2                                                                                            |
| Max speed (rpm)                                 | 15000 rpm                                                                                                              |
| RCF (g)                                         | 15596g                                                                                                                 |
| Display                                         | Large digital display                                                                                                  |
| Motor Type                                      | Brushless DC motor                                                                                                     |
| Noise level                                     | < 60 db                                                                                                                |
| Imbalance detection                             | Yes                                                                                                                    |
| Timer                                           | Countdown timer : 1-99 Mins & infinite mode                                                                            |
| Dimension (L X W X H) mm                        | 187 x 265 x 115                                                                                                        |
| Weight                                          | 2.2 Kgs (with rotor)                                                                                                   |
| Rotors and Adaptors (included in standard pack) | 12 x 1.5/2 ml Angel Rotor,<br>Reduction adaptor for 0.2ml Microtubes<br>Reduction adaptor for 0.4ml / 0.5ml Microtubes |
| Ordering Code                                   | 100MCF01200VT0                                                                                                         |

HSN Code : 84211999

## Optional Accessories

| Description                      | Ordering Code  |
|----------------------------------|----------------|
| 12 x 1.5/2 ml Angle Rotor        | 10000MC1202MLF |
| PCR Strip Rotor (2 x 8 x 0.2 ml) | 10000MC0208MLS |

| 12 tubes rotor angle                                                                | 1.5/2.0ml tubes                                                                     |        | 0.5ml Adaptor                                                                       |        | 0.1/0.2ml Adaptor                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|
|  |  |        |  |        |  |
|                                                                                     | 1.5/2 ml                                                                            | 0.5 ml | 0.4 ml                                                                              | 0.2 ml | 0.1 ml                                                                              |
| <b>Max. Speed</b>                                                                   | 15000                                                                               | 15000  | 15000                                                                               | 15000  | 15000                                                                               |
| <b>Max. RCF</b>                                                                     | 15596                                                                               | 12577  | 12074                                                                               | 11105  | 10278                                                                               |

| PCR strip rotor (Optional)                                                            | 0.1/0.2ml PCR strip                                                                   |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |
| <b>Max. Speed</b>                                                                     | 15000                                                                                 |
| <b>Max. RCF</b>                                                                       | 13080                                                                                 |

# Cooling High Speed Micro Centrifuge

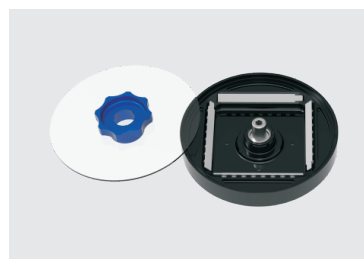
## CLMC24VT

### Unmatched performance, safety with preset features for quick cooling

Designed to meet all your requirements, the CLMC24VT multipurpose, versatile laboratory Centrifuge provides unmatched performance, convenience, and foolproof safety. With a wide range of features like user-programmable interface, automatic internal diagnosis, and emergency lid release, the CLMC24VT is a powerful and reliable centrifuge. One of its distinguished features is its ability to deliver high performance at a fraction of the cost. effort, compared to other centrifuges.



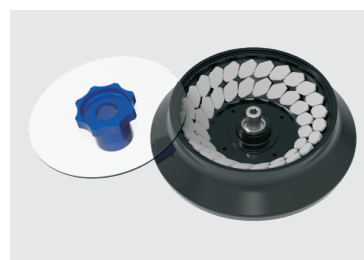
4PCR Strip (15397g)



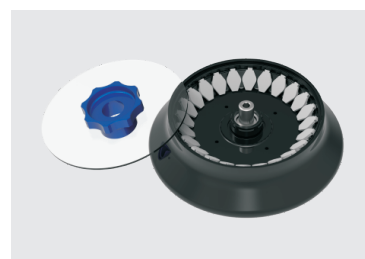
8 x 5ml (18461g)



44 x 2ml (22388g)



24 x 2ml (21420g)



## Key Features

Max capacity of 44 x 1.5 / 2 ml  
- delivers up to 15000 RPM

Brushless DC motor for  
maintenance-free long life

Microprocessor controlled  
centrifuge with variable  
speed and time setting and  
also with last run memory  
function

Timer setting from 30 secs to  
999 minutes and infinite mode

Temperature setting from  
-20°C to + 40°C

Maintains constant  
temperature of 4°C even at  
max speed of 15,000 RPM

Large back-lit LCD display for  
easy setting & reading

User programmable up to 99  
programs of 4 lines each)

Single equipment for  
different work protocols with  
appropriate choice of rotors

## Technical Data & Ordering Information

| Model Name                  | CLMC24VT                                                             |
|-----------------------------|----------------------------------------------------------------------|
| Cooling temperature         | Up to -20°C                                                          |
| Max speed (rpm)             | 500 - 15000 rpm                                                      |
| Programmable Feature        | User can set and save up to 99 user defined programs of 4 lines each |
| Display                     | Large back lit LCD display                                           |
| Motor Type                  | Brushless DC motor                                                   |
| Lid Lock Safety             | Yes                                                                  |
| Imbalance detection         | Yes                                                                  |
| Timer Setting               | 30 secs to 999 mins & infinite mode                                  |
| Dimension (L X W X H) in mm | 452 X 314 X 278                                                      |
| Weight                      | Approx. 43 kgs                                                       |
| Ordering Code*              | 100CLMC2400VT0                                                       |

HSN Code : 84211999

\* Product is supplied without rotors, add rotors as per your application

## Optional Accessories

| Description                                    | Ordering Code  |
|------------------------------------------------|----------------|
| Microtubes Rotor (24 x 1.5 / 2 ml) (21420 x g) | 100CLMC2402MLF |
| Microtubes Rotor (44 x 1.5 / 2 ml) (22388 x g) | 100CLMC4402MLF |
| Angal Rotor 8 x 5 ml (18461 x g)               | 100CLMC0805MLF |
| PCR Strip Rotor (4 x 8 x 0.2 ml) (15397 x g)   | 100CLMC4802MLS |

|                                                                                                                                                                                       |                                                                                                                                                                       |                                                                                                                                                                     |                                                                                                                                                                         |                                                                                                                                                                                  |                                                                                                                                                                       |                                                                                                                                                                                 |                                                                                                                                                                        |                                                                                                                                                                       |                                                                                                                                                                           |                                                                                                                                                                                  |                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>24 x 2ml rotor (standard supply)</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 21420 | <b>1.5/2.0ml tubes</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 18842 | <b>0.5ml Adaptor</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 16103 | <b>0.1/0.2ml Adaptor</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 16930 | <b>PCR strip rotor (optional)</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 15397 | <b>0.2ml PCR strip</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 15397 | <b>44 x 2ml rotor (optional)</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 22388 | <b>1.5/0.2ml tubes</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 19810 | <b>0.5ml Adaptor</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 17070 | <b>0.1/0.2ml Adaptor</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 17898 | <b>8 x 5ml rotor (optional)</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 18461 | <b>5ml tube</b><br><br><b>Max. Speed</b> 15000<br><b>Max. RCF x g</b> 18461 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|



## Centrifuges for clinical applications are designed to accommodate rotors and blood centrifuge tubes.

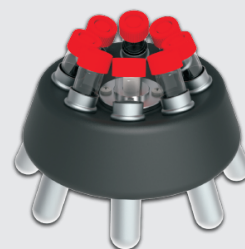
Built using the best raw materials & techniques perfected over the years, every aspect of DCF06VT is designed to create maximum user satisfaction. The device also features a powerful BLDC motor and a smart designed chamber, which prevents the rise of temperature. DCF06VT takes safety to the next level by incorporating various fail-safe features to ensure that you remain safe no matter what happens. True to its promise of setting the bar of quality, DCF06VT will elevate your user experience and will leave you completely satisfied with its intuitive performance.



6 x 15ml (3684 x g)



8 x 15ml (3873 x g)



## Key Features

Compact design saves valuable bench space

Can accommodate 6 x 15ml & 8 x 15ml rotor

Safety metal enclosure in lid

Lid-lock safety feature opens the lid automatically once experiment is over

Imbalance detection feature for extreme safety

Safer low voltage device (24V) with universal power supply

## Technical Data & Ordering Information

| Model Name                                      | DCF06VT                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------|
| Rotor position                                  | 6 x 15 ml (Fixed angle)                                                       |
| Tube capacity in ml                             | 2 / 5 / 7 / 15 ml                                                             |
| Max speed (rpm)                                 | 6500 rpm $\pm$ 100 rpm                                                        |
| RCF (g)                                         | 3684 g - 6 X 15 ml                                                            |
| Motor Type                                      | Brushless DC motor                                                            |
| Noise level (db)                                | < 60 db                                                                       |
| Lid Lock Safety                                 | Yes                                                                           |
| Imbalance detection                             | Yes                                                                           |
| Timer setting                                   | 1-30 Minutes & infinite mode                                                  |
| Dimension (L X W X H) mm                        | 260 x 244 x 205                                                               |
| Weight                                          | 4 Kgs (with rotor)                                                            |
| Rotors and Adaptors (included in standard pack) | 6 x 15ml rotor (Fixed angle)<br>Adaptor for 2ml/5ml/7ml Blood collection tube |
| Ordering Code*                                  | 100DCF00600VT0                                                                |

HSN Code : 84211999

\* Also available in 8x15 ml fixed angle rotor (3873g) Part No. 100DCF00800VT0

## Optional Accessories

| Rotor       | 6 x 15ml fixed angle rotor | 8 x 15ml fixed angle rotor |
|-------------|----------------------------|----------------------------|
| Max speed   | 500 - 6500 rpm             |                            |
| Max RCF x g | 3684                       | 3873                       |

### Centrifuges for clinical applications are designed to accommodate rotors and blood centrifuge tubes.

Every aspect of the CCF4000VT is designed to make sure its compact footprint fits perfectly in your lab. Performance that stands out with ergonomics that help adjust your working environment. Lid lock safety with imbalance detection takes safety to the next level. A powerful BLDC motor reduces the chances of maintenance.



6 x 10 ml Swing out rotor  
(2270 x g)



8 x 15 ml Fixed angle  
(1950 x g)



16 x 10 ml Fixed angle  
(2180 x g)



## Key Features

Single instrument for different work protocols with appropriate choice of rotors

Microprocessor controlled centrifuge with variable speed and time setting, along with last run memory function

Brushless DC motor for maintenance free long life

Precise RPM setting from 500 to 4000 RPM with least count of 10 RPM

Imbalance detection with auto cut off and Lid lock safety - Automatic lid release after run completion

Compact design with low loading height for ease of operation

One touch short spin operation & change over from RPM to RCF

Supplied with reduction adaptors for various sizes of blood collection tubes- 9 ml, 6 ml, 4 ml, 3 ml and 2 ml tubes

User can save and run upto 99 user defined programs

## Technical Data & Ordering Information

| Model Name                                      | CCF4000VT                                                                            |
|-------------------------------------------------|--------------------------------------------------------------------------------------|
| Rotor position                                  | 6 x 10 ml (Swing out rotor),<br>8 x 15 ml (Fixed angle),<br>16 X 10 ml (Fixed angle) |
| Tube capacity in ml                             | 10 / 15 ml                                                                           |
| Max speed (rpm)                                 | 4000 rpm                                                                             |
| RCF (g)                                         | 2270g - 6 x 10 ml, 1950g - 8 x 15 ml, 2180g - 16 x 10 ml                             |
| Motor Type                                      | Brushless DC motor                                                                   |
| Noise level (db)                                | < 60 db                                                                              |
| Lid Lock Safety                                 | Yes                                                                                  |
| Imbalance detection Timer setting               | Yes, 1-999 Minutes & infinite mode                                                   |
| Dimension (L X W X H) mm                        | 415 x 355 x 173                                                                      |
| Weight                                          | 7.7 Kgs (without rotor)                                                              |
| Rotors and Adaptors (included in standard pack) | 6 x 10 ml (Swing out rotor)                                                          |
| Ordering Code                                   | 100CCF00800VT0                                                                       |

HSN Code : 84211999

## Optional Accessories

| Description                           | Ordering Code  | Max Speed | Max RCF x g |
|---------------------------------------|----------------|-----------|-------------|
| Swing out rotor, 6 X 10 ml (2270 g)   | 100CCFA0610MLS | 4000      | 2270        |
| Fixed angle rotor, 8 x15 ml (1950 g ) | 100CCFA0815MLF | 4000      | 1950        |
| Fixed angle rotor, 16 x10 ml (2180 g) | 100CCFA1610MLF | 4000      | 2180        |

**Centrifuges for clinical applications are designed to accommodate rotors and blood centrifuge tubes.**

When it comes to the separation of biological fluids in clinical science, and that too for different volume tube combinations in one rotor head, the doctor centrifuge CCD4504VT has set a benchmark with its combi rotor options.



Combi Rotor  
8 x 15 ml



Combi Rotor  
4 x 50 + 4 x 15ml



### Key Features

Brushless DC motor for maintenance free long life

Microprocessor controlled for efficient performance

Variable speed range with precise RPM setting from 500 to 4500 RPM

Variable timer setting option from 1 - 99 mins & infinite mode

One switch change over from RPM to RCF

Enhanced airflow design for ultra quiet performance and temperature control

Lid-lock safety feature opens lid automatically post the completion

Compact and light weight design

Combi rotor accommodates both 15 and 50 ml tubes with different adapter for other collection tubes

### Technical Data & Ordering Information

| Model Name                                      | CCD4504VT                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Rotor position                                  | Combi Rotor 4 x 50 ml + 4 x 15 ml or 8 X 15 ml                                                              |
| Tube capacity in ml                             | 15 / 50 ml                                                                                                  |
| Max speed (rpm)                                 | 4500 rpm                                                                                                    |
| RCF (g)                                         | 1985 x g                                                                                                    |
| Motor Type                                      | Brushless DC motor                                                                                          |
| Noise level (db)                                | < 60 db                                                                                                     |
| Lid Lock Safety                                 | Yes                                                                                                         |
| Imbalance detection                             | Yes                                                                                                         |
| Timer setting                                   | 1-99 Minutes & infinite mode                                                                                |
| Dimension (L X W X H) mm                        | 330 x 265 x 161                                                                                             |
| Weight                                          | 4 Kgs                                                                                                       |
| Rotors and Adaptors (included in standard pack) | Combi Rotor 4 x 50 ml + 4 x 15 ml or 8 X 15 ml<br>Adaptor for 5ml, 7ml, 10ml standard blood collection tube |
| Ordering Code                                   | 100CCD04504VT0                                                                                              |

HSN Code : 84211999

### Additional Technical Data

| Tube Capacity                                                                                | 50ml      | 15ml      | 10ml      | 7ml       | 5ml      |
|----------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|----------|
| Dimensions (mm)                                                                              | 025 x 115 | 017 x 120 | 016 x 100 | 013 x 100 | 012 x 75 |
| Radius (mm)                                                                                  | 8.77      | 8.77      | 8.77      | 8.37      | 8.37     |
| Speed (mm)                                                                                   | 4500.0    | 4500.0    | 4500.0    | 4500.0    | 4500.0   |
| Max. RCF                                                                                     | 1985.0    | 1985.0    | 1985.0    | 1985.0    | 1985.0   |
| Total no. of tube                                                                            | 4         | 8         | 8         | 8         | 8        |
| Adaptor   | No        | No        | Yes       | Yes       | Yes      |
| Required  | No        | No        | No        | No        | Yes      |
|           | No        | No        | No        | Yes       | No       |

### Designed to provide ideal results with combination rotor with unparalleled safety features

The ULC4504VT is a device that offers powerful, efficient performance with years of durability. The sheer versatility of the device due to a wide range of rotor options makes it extremely useful across a range of requirements. Moreover, the device can also be programmed to match the unique needs of the user with its user-friendly interface. Also, the brushless DC motor present in the device is dust-free and guarantees efficient performance without the need for constant maintenance.



#### Swing out rotor



#### Fixed angle rotor





## Key Features

Microprocessor controlled for efficient performance even under high load

Set timer from 1 to 99 minutes with infinite mode

Intuitive interface allows for easy and quick setting of parameters

Lid lock safety feature to avoid opening of lid when the rotor is running

One touch toggle between RCF & RPM with just a touch of a button

Short spin feature for ultra-fast centrifugation and pelleting

## Technical Data & Ordering Information

| Model Name               | ULC4504VT                                      |
|--------------------------|------------------------------------------------|
| Rotor position (max)     | 4 x 100 ml                                     |
| Max speed (rpm)          | 4500 rpm                                       |
| RCF (g)                  | g varies as per rotor                          |
| Motor Type               | Brushless DC motor                             |
| Display                  | Digital                                        |
| Lid Lock Safety          | Yes                                            |
| Imbalance detection      | Yes                                            |
| Timer Setting            | 30 sec-99 mins & infinite mode                 |
| Speed Setting            | 500 to 4500 rpm                                |
| Dimension (L X W X H) mm | 475 x 585 x 325                                |
| Weight                   | 23 Kgs (without rotor)                         |
| Rotors (not included)    | Multiple rotor options (swing and fixed angle) |
| Ordering Code*           | 100ULC04504VT0                                 |

HSN Code : 84211999

\* Product is supplied without rotors, add rotors as per your application

## Optional Accessories

| Description                          | Ordering Code  | Max Speed | Max RCF x g |
|--------------------------------------|----------------|-----------|-------------|
| Swing Out Rotor 32 x 6ml             | 100UC1A3206MLS | 4500      | 3164 g      |
| Swing Out Rotor 16 x 15ml            | 100UC1A1615MLS | 4500      | 3485 g      |
| Swing Out Rotor 12 x 15ml            | 100UC1A1215MLS | 4500      | 3485 g      |
| Swing Out Rotor 8 x 15ml             | 100UC1A0815MLS | 4500      | 3340 g      |
| Swing Out Rotor 4 x 50ml             | 100UC1A0450MLS | 4500      | 3485 g      |
| Swing Out Rotor 4 x 100ml (with lid) | 100UC1A0401LMS | 4500      | 3164 g      |
| Swing Out Rotor 2 Micro plates       | 100UC1A0002MPS | 4500      | 2355 g      |
| Fixed Angle Rotor 16 x 15ml          | 100UC1A1615MLF | 4500      | 3144 g      |
| Fixed Angle Rotor 12 x 15ml          | 100UC1A1215MLF | 4500      | 3144 g      |
| Fixed Angle Rotor 6 x 50ml           | 100UC1A0650MLF | 4500      | 2644 g      |
| Fixed Angle Rotor 4 x 50ml           | 100UC1A0450MLF | 4500      | 2644 g      |
| Fixed Angle Rotor 4 x 100ml          | 100UC1A0401MLF | 4500      | 2599 g      |
| Fixed Angle Rotor 24 x 15ml          | 100UC1A2415MLF | 4500      | 2854 g      |

### Designed to provide ideal results with combination rotor with unparalleled safety features

Meet the ULC4204VT, a centrifuge that is powerful yet versatile. This power-packed machine has a fixed angle and a swing-out rotor that has multiple collection tube handling capacities. This user-programmable, 4200 rpm machine has an automated centrifuge with imbalance detection, an adjustable ramp, and brake speed to deliver precision with power.



#### Swing out rotor

|          |           |          |                         |            |            |           |                |
|----------|-----------|----------|-------------------------|------------|------------|-----------|----------------|
| 32 x 6ml | 16 x 15ml | 4 x 50ml | 4 x 100ml<br>(with lid) | 4 x 100 ml | 4 x 250 ml | 64 x 6 ml | 2 Micro plates |
|          |           |          |                         |            |            |           |                |

#### Fixed angle rotor

|           |          |          |           |           |
|-----------|----------|----------|-----------|-----------|
| 16 x 15ml | 4 x 50ml | 6 x 50ml | 4 x 100ml | 24 x 15ml |
|           |          |          |           |           |

## Key Features

More than 15 rotor options (Swing & Angle) for different work protocols

Microprocessor control enables quick & easy programming with large digital display

Intelligent designed airflow system to keep temperature in control

Lid lock safety feature ensures that lid will not open while the rotor is running

Intuitive interface allows for quick and easy setting of parameters

9 acceleration & 9 deceleration modes for starting and stopping without disturbing fragile samples

One touch toggle feature allows to switch between RPM & RCF with just a touch of a button

Stainless steel rotor chamber remains corrosion free and is easy to clean

Compact design saves valuable bench-space

## Technical Data & Ordering Information

| Model Name               | ULC4204VT                                      |
|--------------------------|------------------------------------------------|
| Rotor position (max)     | 4 x 250 ml                                     |
| Max speed (rpm)          | 4200 rpm                                       |
| RCF (g)                  | g varies as per rotor                          |
| Motor Type               | Brushless DC motor                             |
| Display                  | Digital                                        |
| Lid Lock Safety          | Yes                                            |
| Imbalance detection      | Yes                                            |
| Timer Setting            | 30 sec-99 mins & infinite mode                 |
| Speed Setting            | 500 to 4500 rpm                                |
| Dimension (L X W X H) mm | 475 x 585 x 325                                |
| Weight                   | 23 Kgs (without rotor)                         |
| Rotors (not included)    | Multiple rotor options (swing and fixed angle) |
| Ordering Code*           | 100ULC04204VT0                                 |

HSN Code : 84211999

\* Product is supplied without rotors, add rotors as per your application

## Optional Accessories

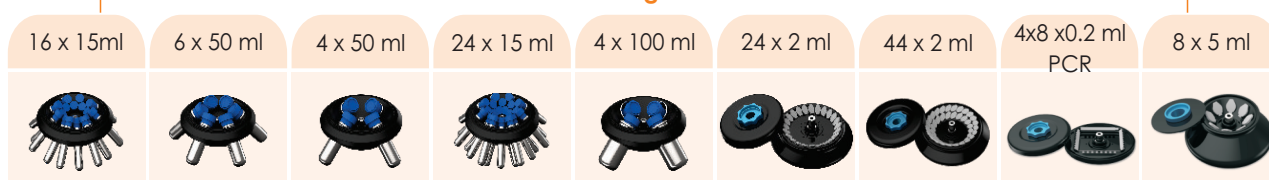
| Description                          | Ordering Code  | Max Speed | Max RCF x g |
|--------------------------------------|----------------|-----------|-------------|
| Swing Out Rotor 32 x 6ml             | 100UC2A3206MLS | 4200      | 2766 g      |
| Swing Out Rotor 16 x 15ml            | 100UC2A1615MLS | 4200      | 2884 g      |
| Swing Out Rotor 4 x 50ml             | 100UC2A0450MLS | 4200      | 2884 g      |
| Swing Out Rotor 4 x 100 ml           | 100UC2A0401MLS | 4200      | 2766 g      |
| Swing Out Rotor 4 x 100ml (with lid) | 100UC2A0401LMS | 4200      | 2884 g      |
| Swing Out Rotor 4 x 250 ml           | 100UC2A0402MLS | 4200      | 3181 g      |
| Swing Out Rotor 64 x 6 ml            | 100UC2A6406MLS | 4200      | 3181 g      |
| Swing Out Rotor 2 Micro plates       | 100UC2A0002MPS | 4200      | 2074 g      |
| Fixed Angle Rotor 16 x 15ml          | 100UC2A1615MLF | 4200      | 2410 g      |
| Fixed Angle Rotor 6 x 50ml           | 100UC2A0650MLF | 4200      | 2410 g      |
| Fixed Angle Rotor 4 x 50ml           | 100UC2A0450MLF | 4200      | 2331 g      |
| Fixed Angle Rotor 4 x 100ml          | 100UC2A0401MLF | 4200      | 2272 g      |
| Fixed Angle Rotor 24 x 15ml          | 100UC2A2415MLF | 4200      | 2489 g      |

### Multi-rotor configuration with high speed operation and variable temperature range for wide range of lab protocol

The CULC1504VT is a powerful equipment that delivers exemplary performance with operational efficiency. It is refrigerated to maintain a consistent range in the sample temperature, and along with that, it gets superior precision from a spin of 15000 RPM. With a programmable microprocessor and automatic shut-off feature, it delivers peak performance every time.



#### Fixed angle rotor



#### Swing out rotor



### Key Features

Auto detection of rotor and setting of maximum RCF

Refrigeration temperature up to -10°C

Adjustable speed range from 500 to 15000 RPM

Intuitive interface with last run memory feature

Imbalance detection feature with auto-cut off safety

9 acceleration & 9 deceleration modes for highly sensitive samples

One touch RPM / RCF conversion & short spin operation option on the keyboard

Select from 15 optional swing out and fixed angle rotors

Stainless steel rotor chamber remains corrosion free and is extremely easy to clean

Variable timer setting option from 30 secs to 999 mins. and an infinite mode

### Technical Data & Ordering Information

| Model Name                  | CULC1504VT                                             |
|-----------------------------|--------------------------------------------------------|
| Rotor position              | 4 x 100 ml (fixed & swing out) / 32 x 6 ml (swing out) |
| Cooling temperature         | Up to -10°C                                            |
| Max speed (rpm)             | 15000 rpm                                              |
| RCF (g)                     | g varies as per rotor                                  |
| Display                     | Large back lit LCD display                             |
| Motor type                  | Brushless DC motor                                     |
| Speed setting               | 500 to 15000 rpm                                       |
| Lid lock safety             | Yes                                                    |
| Imbalance detection         | Yes                                                    |
| Timer setting               | 30 secs. to 999 mins 59 secs. & infinite mode          |
| Dimension (L x W x H) in mm | 705 x 585 x 330                                        |
| Weight                      | 57 kgs (without rotor)                                 |
| Ordering code               | 100CULC1504VT0                                         |

HSN Code : 84211999

\* Product is supplied without rotors, add rotors as per your application

### Optional Accessories

| Description                          | Ordering Code  | Max Speed | Max RCF x g |
|--------------------------------------|----------------|-----------|-------------|
| Swing Out Rotor 16 x 15 ml           | 100UC3A1615MLS | 4500      | 3305 g      |
| Swing Out Rotor 4 x 50 ml            | 100UC3A0450MLS | 4500      | 3305 g      |
| Swing Out Rotor 4 x 100 ml           | 100UC3A0401MLS | 4500      | 3305 g      |
| Swing Out Rotor 2 Micro plates       | 100UC3A0002MPS | 4500      | 2377 g      |
| Swing Out Rotor 32 x 06 ml           | 100UC3A3206MLS | 4500      | 3164 g      |
| Swing Out Rotor 4 x 100ml (with lid) | 100UC3A0401LMS | 4500      | 3164 g      |
| Fixed Angle Rotor 16 x 15 ml         | 100UC3A1615MLF | 6000      | 4910 g      |
| Fixed Angle Rotor 6 x 50 ml          | 100UC3A0650MLF | 6000      | 4910 g      |
| Fixed Angle Rotor 4 x 50 ml          | 100UC3A0450MLF | 6000      | 4750 g      |
| Fixed Angle Rotor 24 x 15 ml         | 100UC3A2415MLF | 6000      | 5070 g      |
| Fixed Angle Rotor 4 x 100 ml         | 100UC3A0401MLF | 6000      | 4628 g      |
| Fixed Angle Rotor 24 x 2 ml          | 100UC3A2402MLF | 15000     | 21420 g     |
| Fixed Angle Rotor 44 x 2 ml          | 100UC3A4402MLF | 15000     | 22388 g     |
| Fixed Angle Rotor 4 x 8 x 0.2 ml PCR | 100UC3A4802MLF | 15000     | 15397 g     |
| Fixed Angle Rotor 8 x 5 ml           | 100UC3A0805MLF | 15000     | 18461 g     |

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