

# Pro Xtract Centrifuge Range

Gastronomy & Cocktails



Issue 1.2026



# Welcome to the Pro Xtract Range

Introduction & Uses

3-7

Medium Centrifuges up to 1L

8-11

Large Centrifuges up to 2L

12-15

Large Centrifuges up to 3L

16-19

Floor Centrifuges up to 3.8L

20-23

CE marked and ISO 9001 regulated

Centurion Scientific Ltd Centrifuges comply to all relevant EU standards of quality and medical devices IEC61010 and CE conformity test marks emission, immunity to EN/IEC 61326-1, Class B

## Pro Xtract Centrifuge Features

The Pro-Xtract range is a collection of sleek and durable centrifuges designed for a range of gastronomical settings, ranging from 1.0 to 4l. These machines are made with premium components and are constructed to the highest standard, all from our UK manufacturing facility. All Centurion centrifuges come with a 2-year warranty.



CE marked and ISO 9001

| User features                   | Advantages               |
|---------------------------------|--------------------------|
| Complete with rotor and buckets | Ease of use & clarity    |
| Long lifetime                   | Cost saving & confidence |
| Run finish buzzer               | Allows for multitasking  |
| Full safety features            | Confident & safe use     |



*Chefs are turning to lab equipment to perfect their consommés*

# A New Spin on Cooking



Chefs find centrifuges handy for several reasons. A centrifuge saves a cook time: a separation process, such as extracting the oil from a vegetable puree, that might take days under natural gravity finishes in mere minutes. The results are also much more predictable than those obtained by natural settling. The biggest selling point for these culinary tools, however, is the amazingly clean division they produce among the components. Because the food emerges from the centrifuge separated into distinct strata, it is easy for the cook to then decant or scoop off the layers he or she wants to use.

In many foods, the high-speed spin concentrates the flavor molecules in a powerfully aromatic liquid layer that is ideal for cooking. A chef might use just the water and oil from a centrifuged tomato puree, for example, to make a consommé that has a brilliantly strong tomato flavor yet is perfectly clear. The cooks in our research kitchen at the Cooking Lab in Bellevue, Wash., have used the ultracentrifuge to make sweet and rich carotene butters from carrots. Indeed, centrifuges are great for spinning fat out of all kinds of vegetables and nuts; you can then use the purified fat to make constructed creams having consistencies similar to dairy cream but with dramatic and unexpected flavors – and because they are dairy-free, they are suitable for vegans to eat.

To make a soup or sauce that is transparent and smooth on the tongue, you must somehow remove solid particles that are larger than the tongue can discriminate: about seven microns (a mere 0.0003 inch) in size. Strainers, filters and other culinary tools can do this, with enough time and effort. But it's hard to beat the convenience of just pouring the mixture into a bottle, sticking it in the superspinner and pressing "start."

Scientific American Magazine  
Vol. 304 No. 3 (March 2011)



## Cocktails & Drinks

This is a rapidly growing field in modern mixology, with Centurion centrifuges now used by premium bars around the world to elevate cocktail craftsmanship. One standout example is the clear Bloody Mary – a clear, pulp-free interpretation of the classic cocktail that preserves its bold, tangy flavour while offering a refined, elegant presentation. Most, if not all fruits can be used this way.



## Vegetables, Fruit and Nuts

Tomatoes are among the most popular ingredients centrifuged by chefs in top restaurants. However, almost any vegetable can be centrifuged and utilised in a variety of ways. The bottom pulp layer forms a creamy, buttery base, with its flavour both transformed and intensified. Pulp and other solid components, such as rinds, seeds, and pith, often contain bitter-tasting compounds and tannins. Centrifugation effectively separates these solids from the liquids, resulting in a cleaner flavour profile where the natural sweetness of the ingredient becomes more pronounced. It can also influence the distribution of aroma compounds, subtly altering overall flavour perception.

Compared to alternative methods such as boiling or pasteurisation, the absence of heat ensures the integrity and freshness of the flavour are preserved. The top aqueous layer is particularly prized for its intense flavour and crystal-clear appearance, ideal for creating refined consommés or stocks with a concentrated, pure taste.

# Customer Endorsements

Across some of the world's most innovative kitchens, Centurion centrifuges have become essential tools for chefs redefining flavour and texture. The Pro-Xtract range combines precision with simplicity, enabling culinary teams to isolate the pure essence of ingredients – their clarity, aroma, and depth. In doing so, chefs transform the familiar into the extraordinary, unveiling new layers of taste and expression in every dish.

## The Fat Duck, Heston Blumenthal

"We were very excited to visit Heston Blumenthal's The Fat Duck experimental kitchen in Bray with a very special delivery – our Pro-Xtract 3 litre refrigerated centrifuge. The Fat Duck were in need of a new centrifuge for the restaurant and experimental kitchen, and we are very proud that they picked our Centurion Pro-Xtract. Our Managing Director, Sian Barker, and Specialised Sales Manager, Kate Butler, had an enjoyable day meeting with team, and enjoyed a very informative tour of the amazing facilities in Bray – welcome to the Centurion family, Mr Blumenthal."



## Aulis & Claridges, Simon Rogan

Aulis offers an exclusive and immersive dining experience, where guests enjoy dishes personally prepared by the development chefs. Serving as the creative hub for Simon's restaurant group, Aulis is dedicated to exploring new culinary techniques, ingredients, and technologies. Centurion centrifuges are an integral part of this process, supporting the chefs as they experiment with innovative methods to extract flavours, refine textures, and reveal new dimensions within the simplest ingredients.

Following the success of the Centurion centrifuge at Aulis, a larger Pro-Xtract 3 model was introduced as an essential part of the kitchen when Simon took over Claridge's in early 2014. The chefs ensure that the innovative recipes developed at Aulis are scaled up and refined for service at Fera, maintaining the same precision and creativity that define Simon's culinary philosophy.



# Customer Endorsements

## On Air Dining, Jamie Cairns

After meeting with us at Hotelympia, Jamie was eager to introduce a Centurion centrifuge into his kitchen. As the founder of On Air Dining, a London-based company providing bespoke catering for private charter flights from Gatwick, Luton, Stansted, and numerous private airfields, Jamie delivers an exceptional in-flight dining experience. Guests now enjoy dishes inspired by centrifuge innovation – such as crystal-clear consommés and delicately infused fruit oils – each prepared in his kitchen and accompanied by step-by-step instructions, allowing these exquisite creations to be perfectly reimaged at 35,000 feet.



## The Pass, South Lodge

Set amidst the beautiful countryside of West Sussex, South Lodge Hotel offers guests an exceptional Michelin-starred dining experience at The Pass. Although then head chef Matt Gillan understood the principles behind centrifugation, he was surprised to discover how accessible and practical the Pro-Xtract range could be within a professional kitchen. After a demonstration, he immediately recognised its potential to elevate the dining experience. One of his signature applications is Broad Bean Butter, created using the centrifuge to bring a refined twist to simple, elegant starters.



## MEDIUM XTRACT CENTRIFUGES TO 1L MAX

Centurion's Medium Xtract Centrifuges accommodate up to 1.0L of liquid. Both centrifuges are supplied with a rotor, buckets, bottles and supports, which can be found on the following page.



### Medium LED Ambient Centrifuge

|              |                             |
|--------------|-----------------------------|
| RPM          | 4000 RPM Max (10 RPM steps) |
| RCF          | 10 – 2600 g                 |
| Max Timer    | 0-9 hours & hold            |
| Dims (WxDxH) | 440 x 563 x 330mm           |
| Weight       | 34 Kg (without rotor)       |
| Power        | 125 Watts                   |
| Memory       | 99 programs                 |
| Accel Rates  | 10 programs                 |
| Decel Rates  | 10 programs                 |

#### ORDER CODES Medium Ambient Xtract Centrifuge with rotor, buckets, bottles & supports

MEDIUM XT 250ML. 230V 50/60Hz (previously Pro-Xtract.5)

1.MEDIUM XT 250ML. 110V 110V 60Hz (previously 1.Pro-Xtract.5)



### Medium LED Refrigerated Centrifuge

|              |                                        |
|--------------|----------------------------------------|
| RPM          | 4,000 RPM max (10 RPM steps)           |
| RCF          | 10-2600 g                              |
| Max Timer    | 0-9 hours & Hold                       |
| Dims (WxDxH) | 435 x 660 x 337mm                      |
| Weight       | 60 Kg (without rotor)                  |
| Power        | 575 Watts                              |
| Memory       | 99 programs                            |
| Accel Rates  | 10 programs                            |
| Decel Rates  | 10 programs                            |
| Temp Range   | -10°C to 40°C PID controlled to +/- 1C |

#### ORDER CODES Medium Refrigerated Xtract Centrifuge with rotor, buckets, bottles & supports

MEDIUM.R XT 250ML. 230V 50/60Hz (previously Pro-Xtract.5R)

1.MEDIUM.R XT 250ML. 110V 110V 60Hz (previously 1.Pro-Xtract.5R)

## SWING OUT ROTOR & ACCESSORIES

All Pro Xtract centrifuges are supplied complete with a rotor, buckets, bottles, and supports. The Medium Xtract models includes bottles accommodating up to 4 × 250ml of liquid, making it ideal for centrifuging volumes of up to 1L in a bar or kitchen environment.



### Included Medium Swing Out Rotor, Buckets & 4 x 250ml Bottles

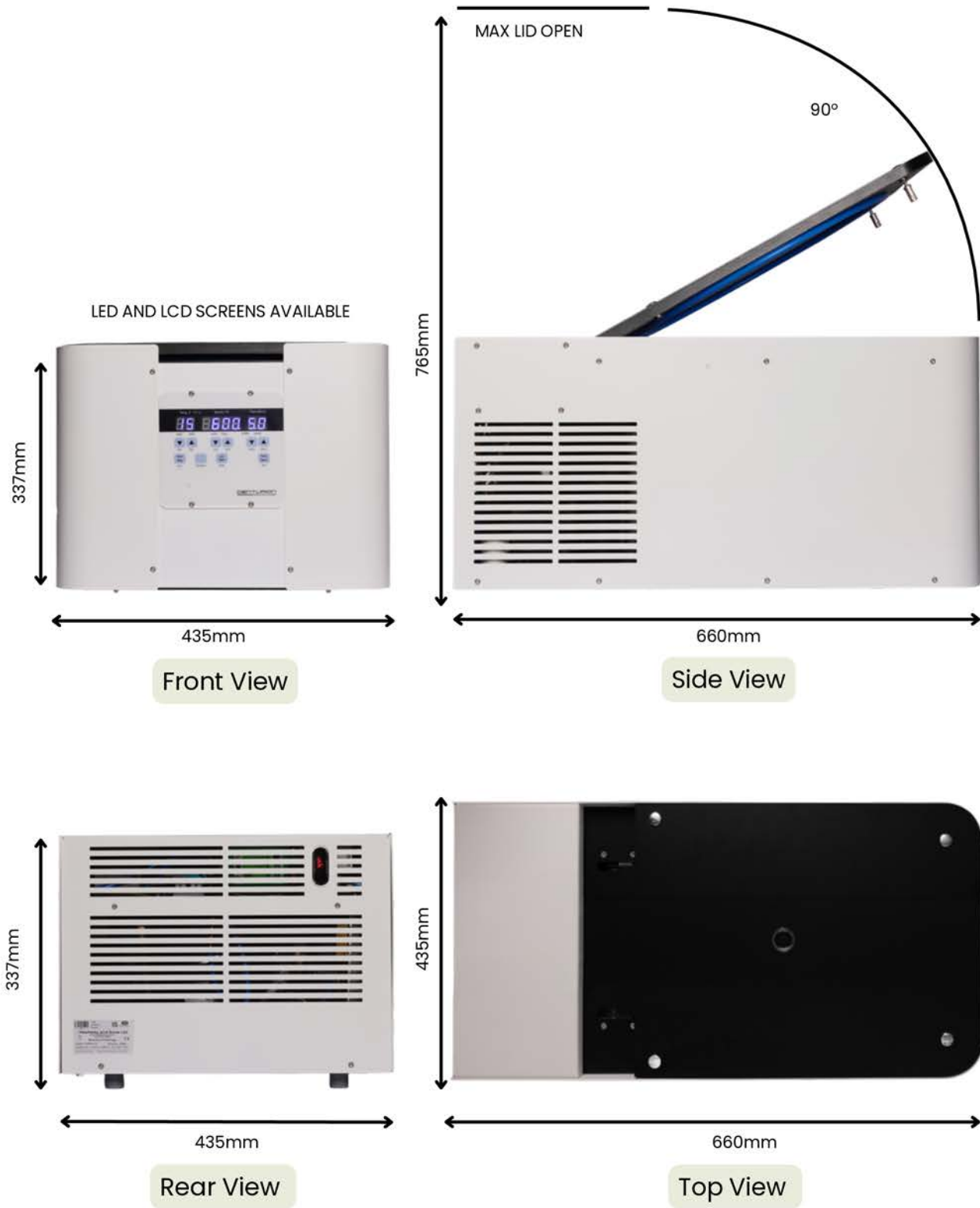
|                           |            |
|---------------------------|------------|
| Tube Size Max             | 62 x 100mm |
| Minimum RCF (g)           | 10         |
| Maximum RCF (g)           | 2600       |
| Maximum RPM               | 4000       |
| Maximum Radius (cms)      | 14.6cm     |
| Sample Tube Angle °       | 0          |
| Acceleration Time (secs)  | 25         |
| Deceleration Time (secs)  | 25         |
| Autoclavable (frequency)  | 121°C (20) |
| Minimum Temp. @ Max Speed | 4°C        |

Unsure of which centrifuge is right for you? Reach out to our sales team and we will guide you to the best model for your specifications.

## MEDIUM AMBIENT CENTRIFUGE DIMENSIONS TO 1L MAX



# MEDIUM REFRIGERATED CENTRIFUGE DIMENSIONS TO 2LT MAX



## LARGE CENTRIFUGES TO 2L MAX

Centurion's Large Pro Xtract Centrifuges accommodate up to 2.0L of liquid. Both centrifuges are supplied with a rotor, buckets, bottles and supports, which can be found on the following page.



### Large LED Ambient Centrifuge

|              |                             |
|--------------|-----------------------------|
| RPM          | 4000 RPM Max (10 RPM steps) |
| RCF          | 10 - 3600 g                 |
| Max Timer    | 0-9 hours & hold            |
| Dims (WxDxH) | 575 x 665 x 415mm           |
| Weight       | 90 Kg (without rotor)       |
| Power        | 750 Watts                   |
| Memory       | 99 programs                 |
| Accel Rates  | 10 programs                 |
| Decel Rates  | 10 programs                 |

#### ORDER CODES Large Ambient Xtract Centrifuge with rotor, buckets, bottles & supports

LARGE XT 500ML - 230V 50/60Hz (previously Pro-Xtract.2)  
 1.LARGE XT 500ML - 110V 110V 60Hz (previously 1.Pro-Xtract.2)



### Large LED Refrigerated Centrifuge

|              |                              |
|--------------|------------------------------|
| RPM          | 4,000 RPM max (10 RPM steps) |
| RCF          | 10-3600 g                    |
| Max Timer    | 0-9 hours & Hold             |
| Dims (WxDxH) | 904 x 665 x 422mm            |
| Weight       | 105Kg (without rotor)        |
| Power        | 1200 Watts                   |
| Memory       | 99 programs                  |
| Accel Rates  | 10 programs                  |
| Decel Rates  | 10 programs                  |
| Temp Range   | -10°C to 40°C                |

#### ORDER CODES Large Refrigerated Xtract Centrifuge with rotor, buckets, bottles & supports

LARGE.R XT 500ML - 230V 50/60Hz (previously Pro-Xtract.2R)  
 1.LARGE.R XT 500ML - 110V 110V 60Hz (previously 1.Pro-Xtract.2R)

## SWING OUT ROTOR & ACCESSORIES

All Pro Xtract centrifuges are supplied complete with a rotor, buckets, bottles, and supports. The XT Large 2L model includes bottles accommodating up to 4 × 500ml of liquid, making it ideal for centrifuging volumes of up to 2L in a bar or kitchen environment.

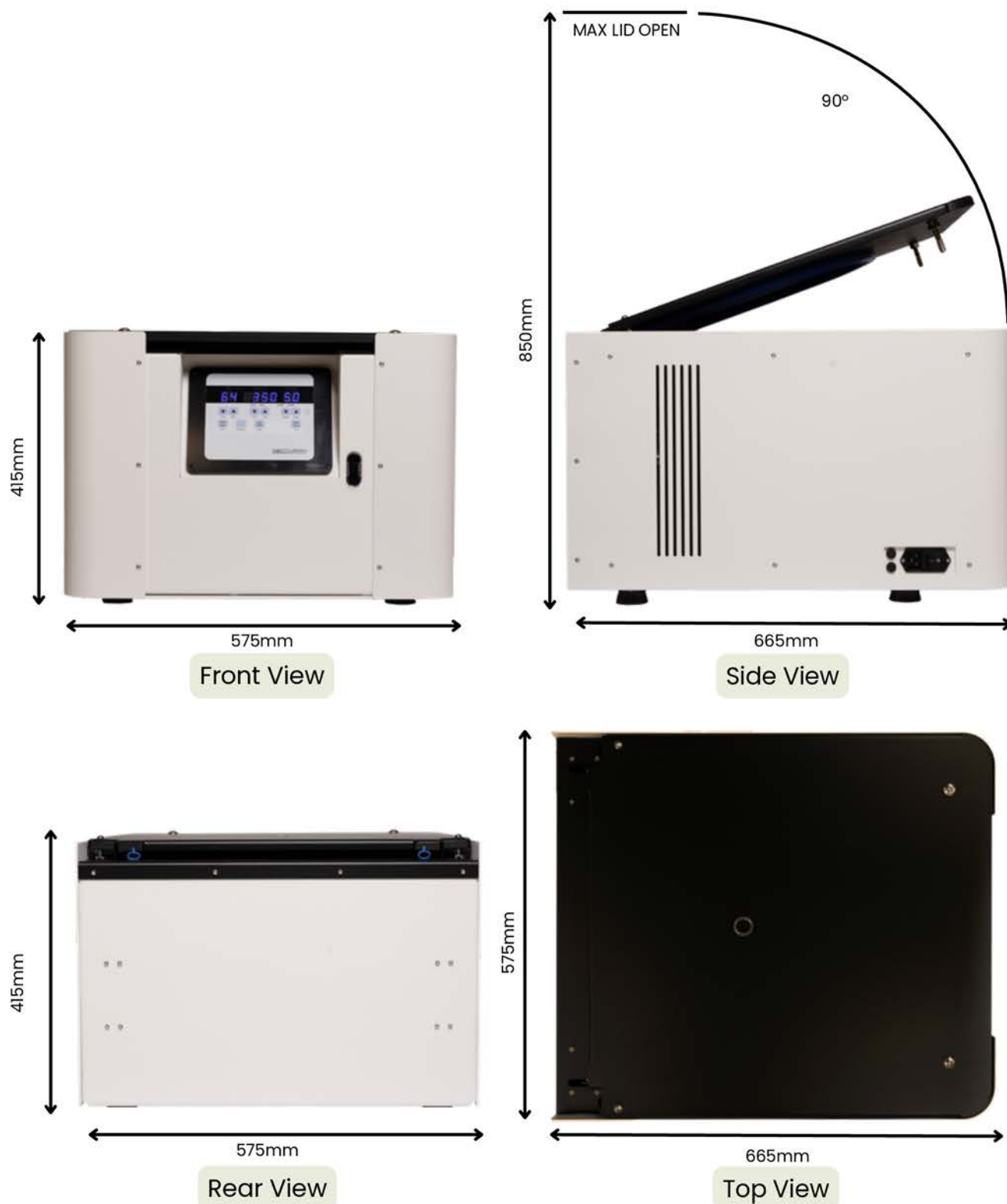


### Included Large Swing Out Rotor, Buckets & 4 x 500ml Bottles

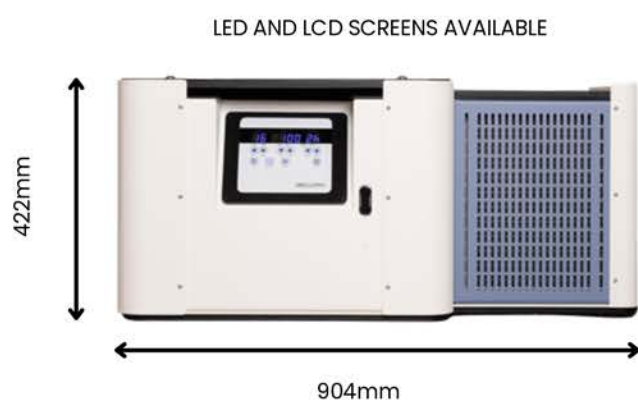
|                          |            |
|--------------------------|------------|
| Tube Size Max            | 98 x 160MM |
| Minimum RCF (g)          | 10         |
| Maximum RCF (g)          | 3600       |
| Maximum RPM              | 4000       |
| Maximum Radius (cms)     | 20.5cm     |
| Sample Tube Angle °      | 0          |
| Acceleration Time (secs) | 40         |
| Deceleration Time (secs) | 40         |
| Autoclavable (frequency) | 121°C (20) |
| Minimum Temp. @ 23°C     | 4°C        |

Unsure of which centrifuge is right for you? Reach out to our sales team and we will guide you to the best model for your specifications.

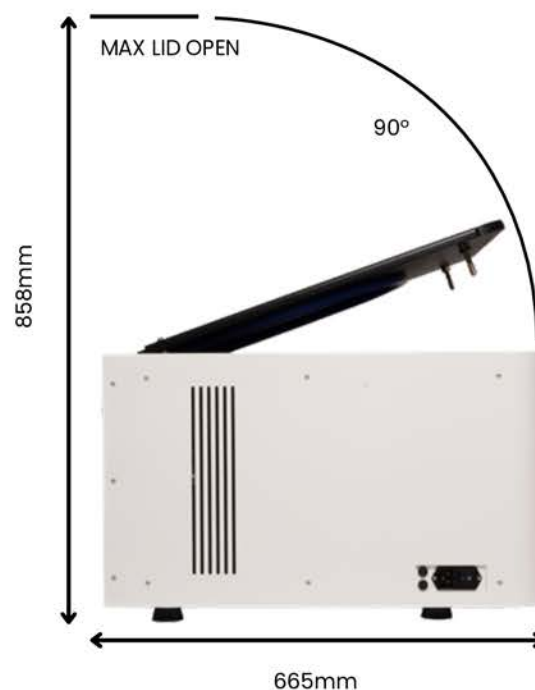
## LARGE AMBIENT CENTRIFUGE DIMENSIONS TO 2LTR MAX



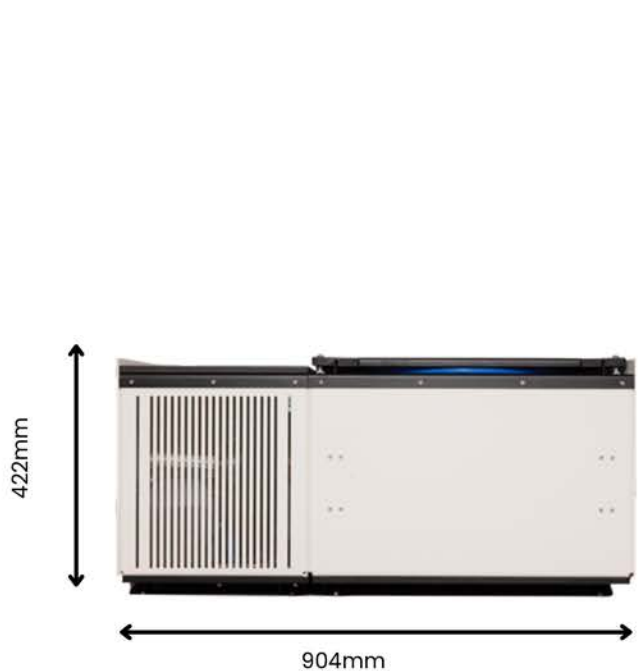
## LARGE REFRIGERATED CENTRIFUGE DIMENSIONS TO 2LT MAX



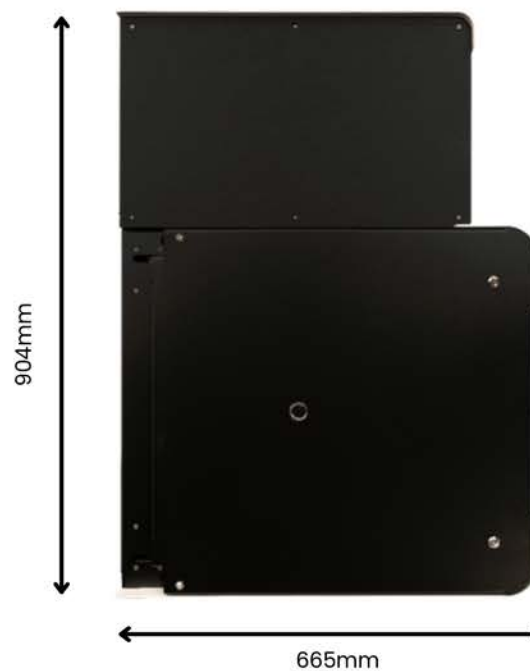
Front View



Side View



Rear View



Top View

## LARGE CENTRIFUGES TO 3L MAX

Centurion's Large Pro Xtract Centrifuges accommodate up to 3.0L of liquid. Both centrifuges are supplied with a rotor, buckets, bottles and supports, which can be found on the following page.



### Large LED Ambient Centrifuge

|              |                             |
|--------------|-----------------------------|
| RPM          | 4000 RPM Max (10 RPM steps) |
| RCF          | 10 - 4000 g                 |
| Max Timer    | 0-9 hours & hold            |
| Dims (WxDxH) | 575 x 665 x 415mm           |
| Weight       | 90 Kg (without rotor)       |
| Power        | 750 Watts                   |
| Memory       | 99 programs                 |
| Accel Rates  | 10 programs                 |
| Decel Rates  | 10 programs                 |

#### ORDER CODES Large Ambient Xtract Centrifuge with rotor, buckets, bottles & supports

LARGE XT 750ML - 230V 50/60Hz (previously Pro-Xtract.3)

1.LARGE XT 750ML - 110V 110V 60Hz (previously 1.Pro-Xtract.3)



### Large LED Refrigerated Centrifuge

|              |                              |
|--------------|------------------------------|
| RPM          | 4,000 RPM max (10 RPM steps) |
| RCF          | 10-4000 g                    |
| Max Timer    | 0-9 hours & Hold             |
| Dims (WxDxH) | 904 x 665 x 422mm            |
| Weight       | 105Kg (without rotor)        |
| Power        | 1200 Watts                   |
| Memory       | 99 programs                  |
| Accel Rates  | 10 programs                  |
| Decel Rates  | 10 programs                  |
| Temp Range   | -9°C to 40°C                 |

#### ORDER CODES Large Refrigerated Xtract Centrifuge with rotor, buckets, bottles & supports

LARGE.R XT 750ML - 230V 50/60Hz (previously Pro-Xtract.3R)

1.LARGE.R XT 750ML - 110V 110V 60Hz (previously 1.Pro-Xtract.3R)

## SWING OUT ROTOR & ACCESSORIES

All Pro Xtract centrifuges are supplied complete with a rotor, buckets, bottles, and supports. The XT Large 3L model includes bottles accommodating up to 4 × 750ml of liquid, making it ideal for centrifuging volumes of up to 3L in a bar or kitchen environment.

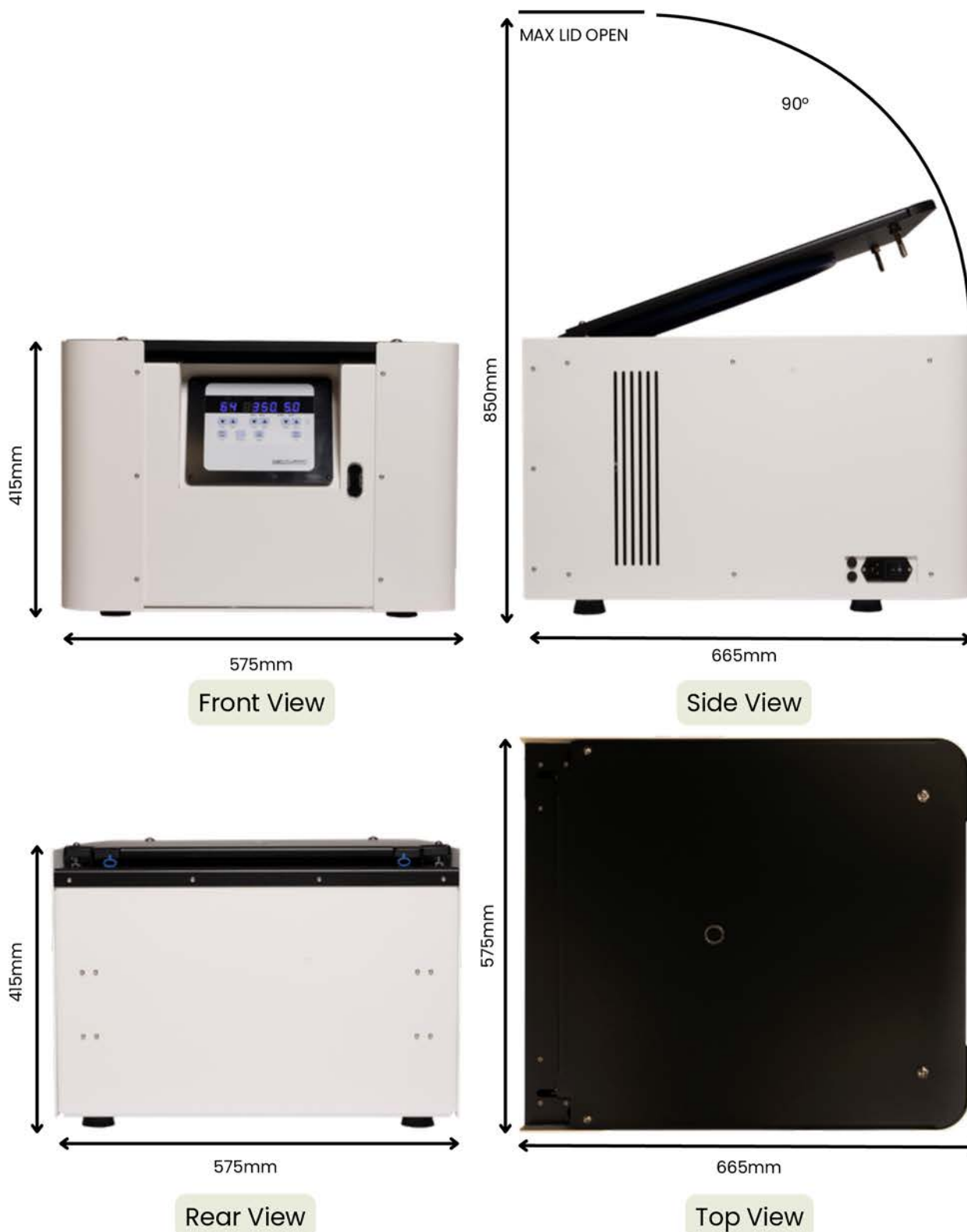


### Included Large Swing Out Rotor, Buckets & 4 x 750ml Bottles

|                          |            |
|--------------------------|------------|
| Tube Size Max            | 98 x 170mm |
| Minimum RCF (g)          | 10         |
| Maximum RCF (g)          | 4000       |
| Maximum RPM              | 4000       |
| Maximum Radius (cms)     | 22.5cm     |
| Sample Tube Angle °      | 0          |
| Acceleration Time (secs) | 40         |
| Deceleration Time (secs) | 40         |
| Autoclavable (frequency) | 121°C (20) |
| Minimum Temp. @ 23°C     | 4°C        |

Unsure of which centrifuge is right for you? Reach out to our sales team and we will guide you to the best model for your specifications.

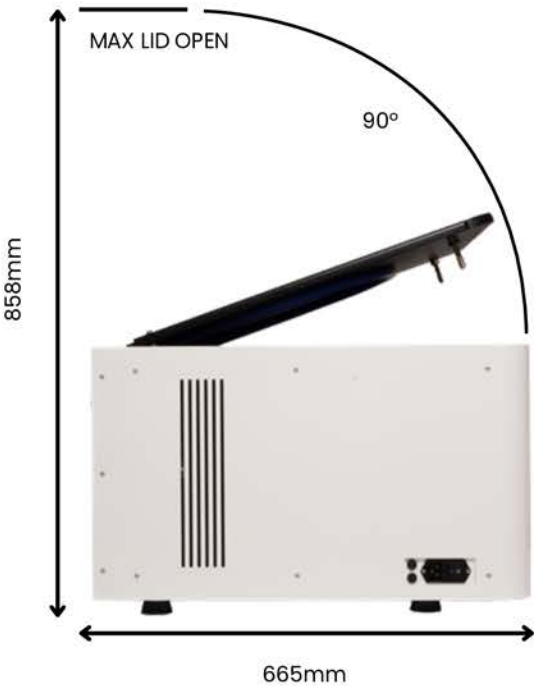
## LARGE AMBIENT CENTRIFUGE DIMENSIONS TO 3L MAX



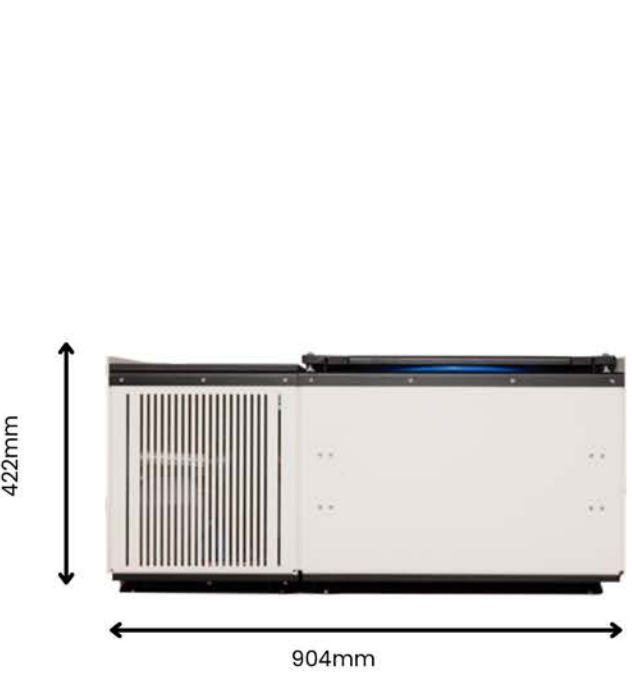
LARGE REFRIGERATED CENTRIFUGE DIMENSIONS  
TO 3L MAX



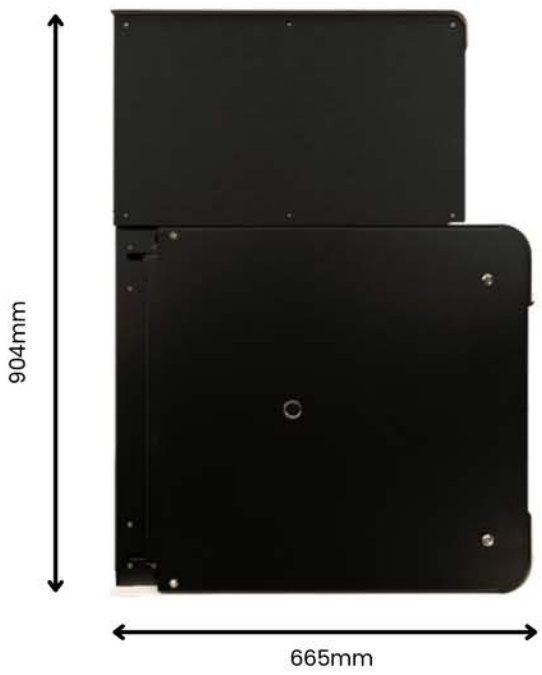
Front View



Side View



Rear View



Top View

## FLOOR CENTRIFUGES TO 3.8L MAX

Centurion's Floor Pro Xtract Centrifuge accommodate up to 3.8L of liquid. Both centrifuges are supplied with a rotor, buckets, bottles and supports, which can be found on the following page.



### Floor LED Ambient Centrifuge

|             |                         |
|-------------|-------------------------|
| RPM         | 4000 RPM (10 RPM steps) |
| RCF         | 10 - 4,500 G            |
| Timer       | 0-9hours (30sec steps)  |
| Dims WxDxH  | 575 x 665 x 875mm       |
| Weight      | 135kg (without rotor)   |
| Power       | 1200 Watts              |
| Memory      | 99 programs             |
| Accel rates | 10 programs             |
| Decel Rates | 10 programs             |

#### PART NUMBERS Ambient LED Centrifuge

C-FLOOR (230V 50/60Hz). (previously CFS4)  
 1.C-FLOOR (110V 60Hz) (previously 1.CFS4)  
 Alternative plug types available.



### Floor LED Refrigerated Centrifuge

|             |                                          |
|-------------|------------------------------------------|
| RPM         | 5000 RPM (10 RPM steps)                  |
| RCF         | 10 - 4,500 g                             |
| Timer       | 0-9 hours (30 sec steps)                 |
| Dims WxDxH  | 575 x 665 x 875mm                        |
| Weight      | 197Kg (without rotor)                    |
| Power       | 1200 Watts                               |
| Memory      | 99 programs                              |
| Accel Rates | 10 programs                              |
| Decel Rates | 10 programs                              |
| Temp. Range | -10°C to +40°C PID Controlled to +/- 1°C |

#### PART NUMBERS Refrigerated LED Centrifuge

C-FLOOR.R (230V50/60Hz). (previously CFS4R.)  
 1.C-FLOOR.R (110V 60Hz) (previously 1.CFS4R)  
 Alternative plug types available.

## SWING OUT ROTOR & ACCESSORIES

All Pro Xtract centrifuges are supplied complete with a rotor, buckets, bottles, and supports. The XT Floor 4L model includes bottles accommodating up to 4 × 950ml of liquid, making it ideal for centrifuging volumes of up to 4L in a bar or kitchen environment.



### Included Large Swing Out Rotor, Buckets & 4 x 950ml Bottles

|                          |            |
|--------------------------|------------|
| Tube Size Max            | 98 x 170mm |
| Minimum RCF (g)          | 10         |
| Maximum RCF (g)          | 4000       |
| Maximum RPM              | 4000       |
| Maximum Radius (cms)     | 25.5cm     |
| Sample Tube Angle °      | 0          |
| Acceleration Time (secs) | 40         |
| Deceleration Time (secs) | 40         |
| Autoclavable (frequency) | 121°C (20) |
| Minimum Temp. @ 23°C     | 4°C        |

Unsure of which centrifuge is right for you? Reach out to our sales team and we will guide you to the best model for your specifications.

## FLOOR AMBIENT CENTRIFUGE DIMENSIONS TO 3.8L MAX



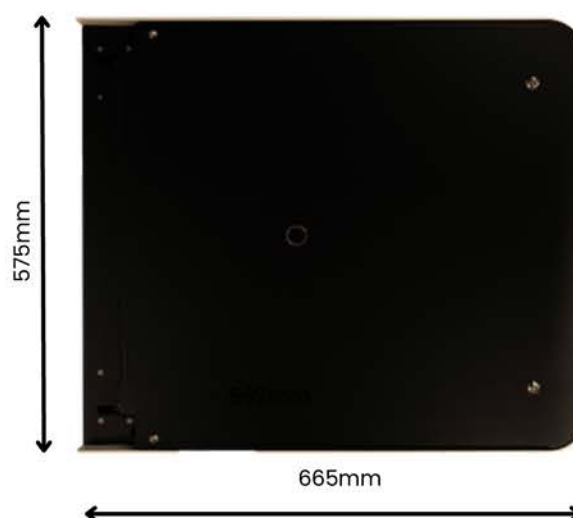
Front View



Rear View

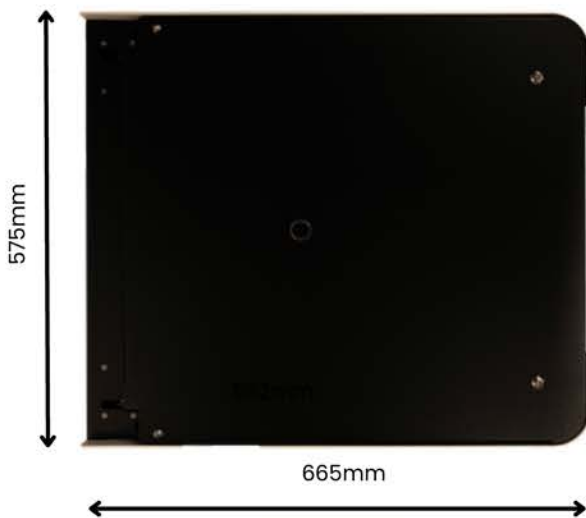
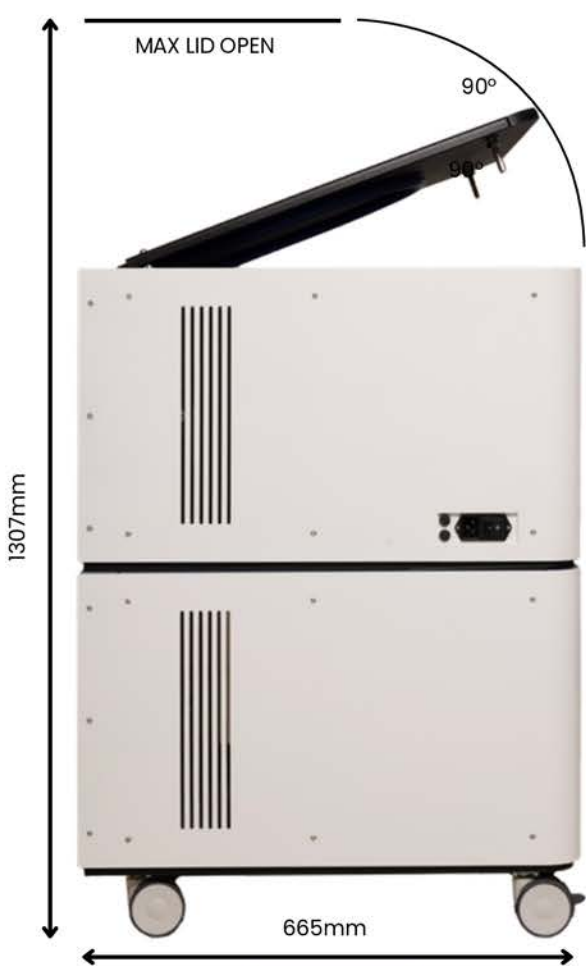
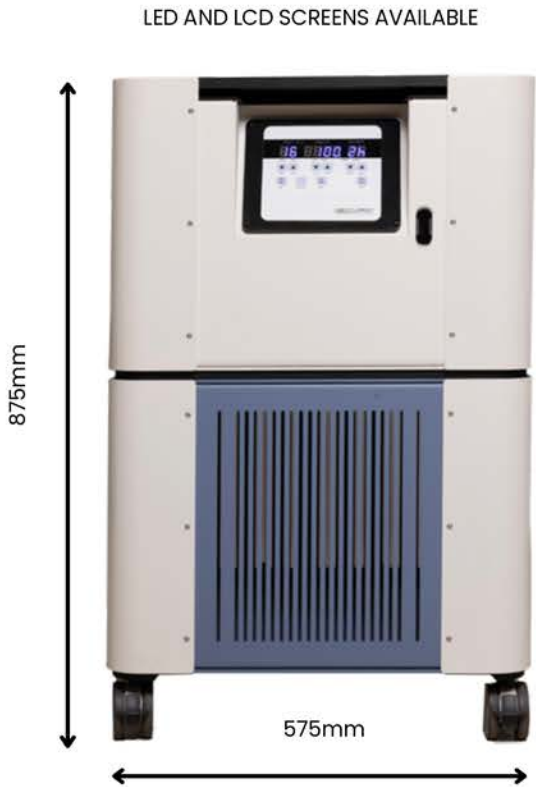


Side View



Top View

FLOOR REFRIGERATED CENTRIFUGE DIMENSIONS  
TO 3.8L MAX



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