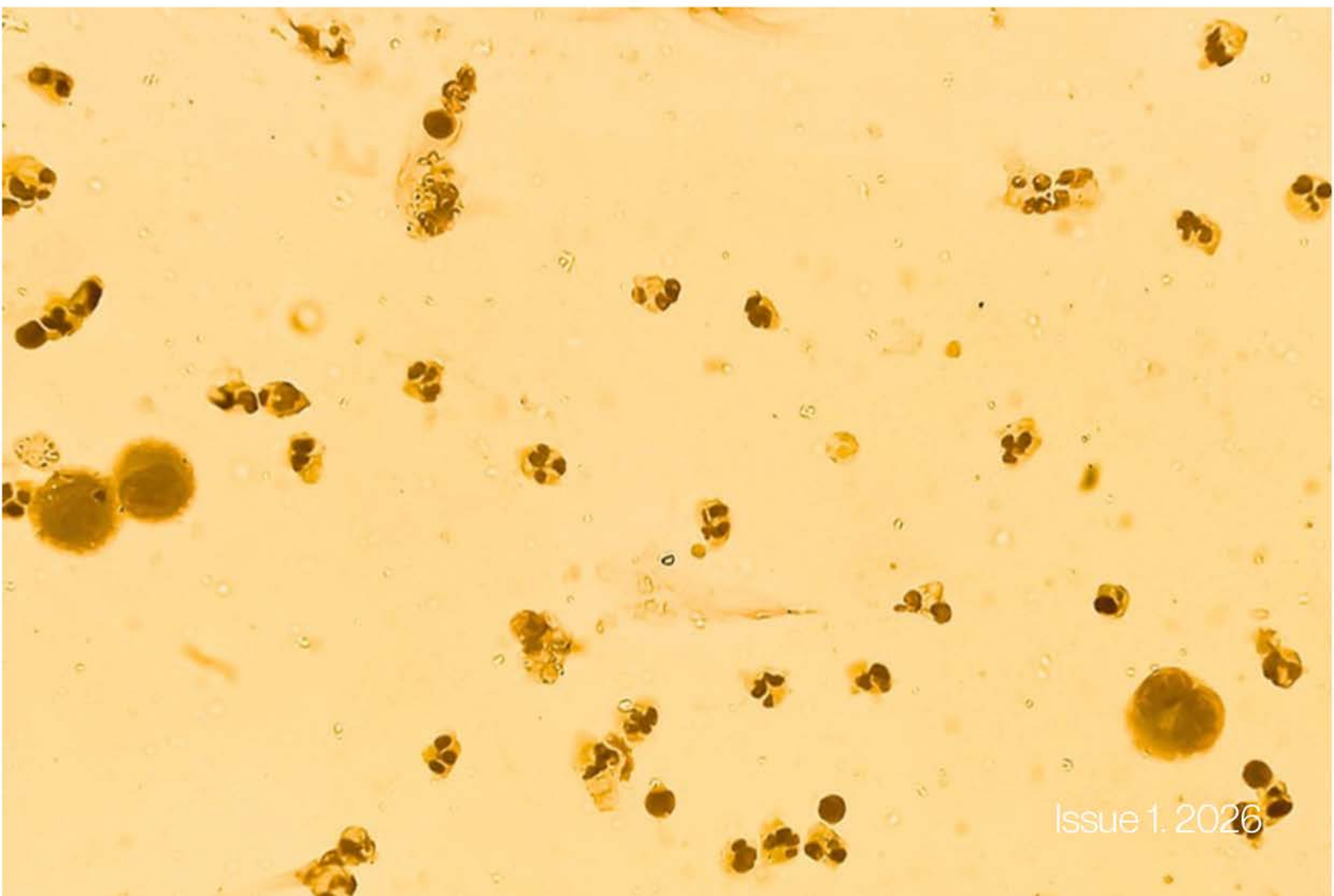


Pro Cytology Centrifuge Range

Diagnostic Cytology for Clinical &
Research Laboratories



Introducing Hawksley & Sons

Continuing the proud legacy of British centrifuge manufacturing, Hawksley is now the official manufacturer of Centurion Scientific centrifuges.

Founded in 1869, Hawksley has supplied British laboratories with trusted medical equipment and consumables for over 150 years. In an industry dominated by multinational corporations, we are proud to remain a small, independent business – committed to craftsmanship, service, and long-term reliability.

Across seven generations, Hawksley & Sons has pioneered new technologies, contributed to global medical device innovation, and supported scientists, surgeons, and medical professionals around the world. Our mission is simple and enduring: to deliver quality, reliability, and innovation across our three core specialisms – centrifugation, andrology & fertility, and laboratory glassware and counting chambers.

We have been manufacturing centrifuges since the 1950s, with iconic models such as the Haematospin 1400 and the Vetspin Duo remaining widely used and trusted today. With more than 80 years of centrifugation expertise passed down through generations, we are excited to carry forward – and elevate – the Centurion name.





Welcome to the Pro Cytology Range

Cytology Centrifuge Features 4-8

Small Centrifuge Range 9-10

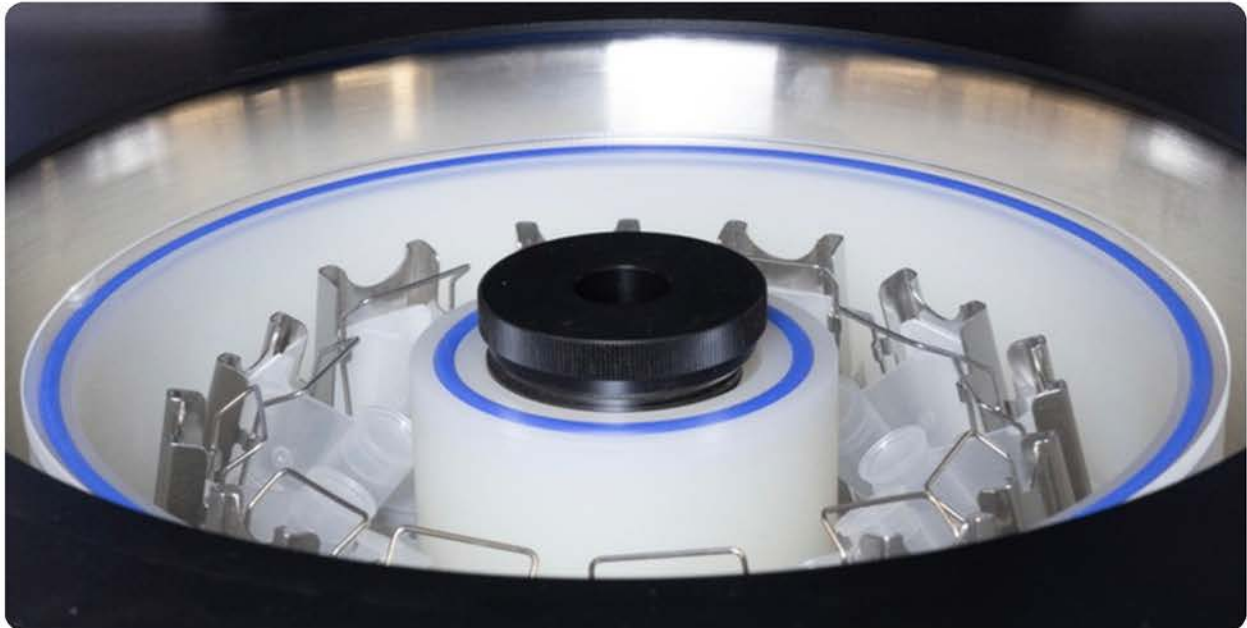
Accessories 11

Centrifuge Dimensions 12-13

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 Cytology Centrifuge Features



Introducing Pro-Cytology. Built with design and convenience at the forefront, these compact machines are perfect for small, medium and large sample volumes. Flexible to your needs, we offer a choice of two centrifuges with 4, 8 and 12 place options.

Cytology centrifuges are designed to separate and deposit a monolayer of cells onto standard glass slides, while maintaining cellular integrity. Centurion's cytology range is both cost-effective and manufactured to an industry leading standard, supplied with application-oriented accessories popular in clinical, cytology, histology and small medical laboratories. All centrifuges are built with the end user in mind, with a compact ergonomic design, smaller dimensions and curved features to ensure a more comfortable and efficient workspace.

All the centrifuges have a quiet run (below 50db) and smart airflow technology to maintain sample integrity. Performance and safety are critical, with tight operational control maintained by the internal microprocessor. An imbalance detector is incorporated into the control loop to prevent imbalanced loads and tube ruptures.

Centurion centrifuges have been an industry standard for quality and reliability for 35 years. Combined with Hawksley's 80+ year expertise, our centrifuges can be relied upon to deliver safe and reproducible results for years to come.

Pro Cytology Centrifuges



CE marked and ISO 9001

Pro Cytology Centrifuge Features

The Pro-Cytology range is a collection of sleek and durable centrifuges that will fit into any Cytological, Haematological, Microbiological or other research and clinical setting. 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.

User features	Advantages
LED Display	Clarity & ease of use
10 acceleration rates & 10 deceleration rates	Sample assistance
99 program memory	Multi department & Users
Timer 0-99 mins & hold in 1/30 second increments	Total flexibility
Pulse short run	Fast pelleting
Run in RPM or RCF (g) in 10 increments	Accuracy
Orientation acceleration rate	Prevents initial sample side deposits
Sound <55db	Quiet

Standard Features	Advantages
Stainless Steel bowl	Easy clean & rust free
Port to lid	Tachometer speed certification
Alloy & steel frame (zinc coated)	Strong, light & quiet
World leading industrial grade inverter	Reliability & strength
Premium quality European brushless motor	Quiet, cool & reliable
Advanced airflow technology	Cooler running

Safety Features	Advantages
Multi point lid locking	Lid safety
Emergency lid release	Power safety failure
Lid spring strut	Lid dropping safety
Lid lock detection	To run, lid must be shut
Imbalance detection	Eradicates user loading errors
Overspeed sensor	Safe detection of speed
Set inverter values	Electronic safety of speed
Barrier ring	Extra metal protection of chamber
Motor overheat sensor	Safe motor protection

LED vs LCD Screens

Centurion centrifuges are available with two display options, LED and LCD, allowing you to choose the interface that best suits your laboratory needs.

LED Screen

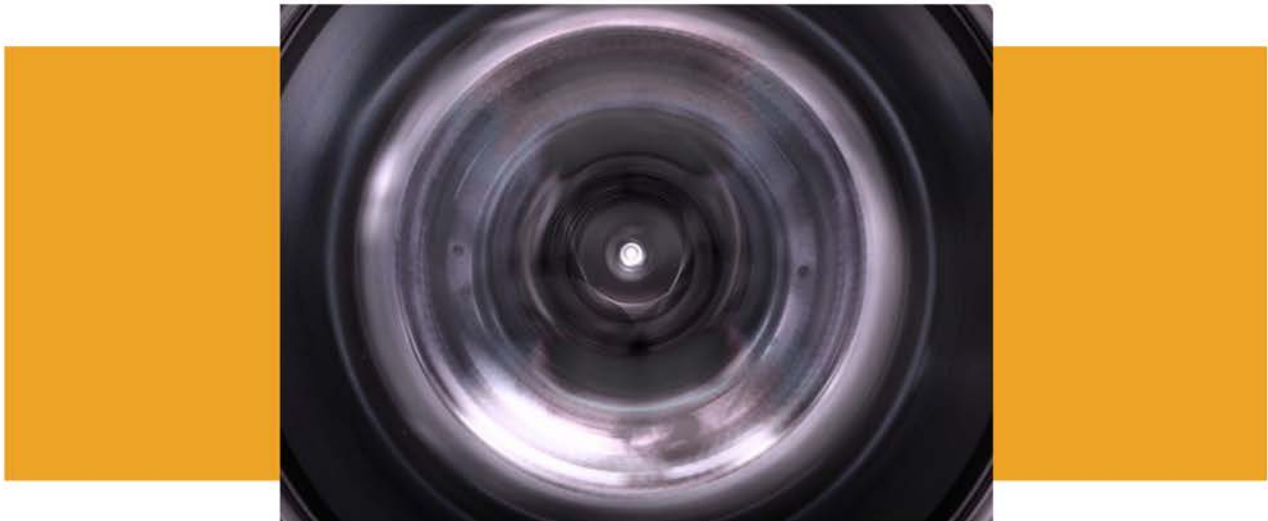
The LED displays provide a bright, high-contrast readout for quick and clear visibility of essential operating parameters. They offer simple, reliable control of speed, time, and temperature, with low power consumption and long-term durability. This makes the LED option ideal for routine, everyday centrifugation tasks.



LCD Screen

The LCD option features a modern touchscreen interface, offering intuitive navigation and the ability to view multiple parameters at once. This display includes additional functionality, allowing more precise control based on relative centrifugal force over time. With a wide viewing angle and responsive touch operation, the LCD screen is well suited to applications requiring higher accuracy, flexibility, and more advanced programming.





Servicing & Centrifuge Care

Why does my centrifuge need servicing?

A yearly service validates your warranty. As with any appliance you purchase, servicing extends the lifetime of the product and negates the need for constant replacements, which in turn saves you money.

We appreciate that a centrifuge is an essential component of a laboratory, and that downtime is therefore not acceptable. However, if it is regularly maintained, you extend its life significantly.

For products sold outside of the UK, all our distributors have received training and authority to service our centrifuges. Centrifuges can be dangerous. Although Centurion Scientific manufacture exceptionally safe machines, if a rotor lid or seals are not replaced regularly, this can lead to breakage and severe damage further down the line. Servicing of our Centrifuges is also a requirement to validate your warranty with authorised distributors and Centurion to be used only.

Please be sure to contact the sales team for servicing pricing and further information.

[Service & Support Page](#)

SMALL CYTOLOGY CENTRIFUGES

The small cytology centrifuges offer more flexibility than the micro range, accommodating further rotors, with the option of the 4, 8 and 12 place, depending on the needs of your clinic. The small centrifuge is available with an LED or LCD screen, the LCD giving W2t control for sensitive research applications.



Small LED Cytology Centrifuge

RPM	2,000 RPM Max (10 RPM steps)
RCF	10 - 550 g
Max Timer	0-9 hours & Hold (30 sec steps)
Dims (WxDxH)	350 x 475 x 337mm
Weight	26 Kg (without rotor)
Power	125 Watts
Memory	99 programs
Accel Rates	10 programs
Decel Rates	10 programs

PART NUMBERS Small LED Cytology Model

C-SMALL-CY; 230V 50/60Hz

C-I.SMALL-CY; 110V 60Hz



Small LCD Cytology Centrifuge

RPM	2,000 RPM Max (10 RPM steps)
RCF	10 - 550 g
Max Timer	0-9 hours & Hold (30 sec steps)
Dims (WxDxH)	350 x 475 x 337mm
Weight	26 Kg (without rotor)
Power	125 Watts
Memory	99 programs
Accel Rates	10 programs
Decel Rates	10 programs

PART NUMBERS Small LCD Cytology Model

C-SMALL-CY.LCD; 230V 50/60Hz

C-I.SMALL-CY.LCD; 110V 60Hz

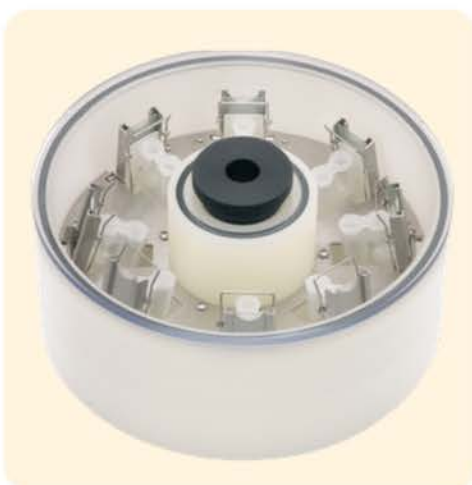
CYTOLOGY ROTORS

Centurion offers 4, 8 or 12 place rotors, depending on your sample needs. The rotor clips also provide flexibility, fitting a number of different sample holders, which range from 0.1–6ml in volume capacity. Each rotor order includes the rotor & sealed lid, clips, 24 holders with filters and 100 standard glass microscope slides.



4 Place Cytology Rotor*

Rotor Type (ml)	4 x double
Max Tube Size (mm)	Standard Slide
RPM	200–2000 RPM
RCF	Up to 550 RCF
Radius (mm)	123mm
Sample Tube Angle°	Vertical
Accel. Time (secs)	15–90
Decel. Time (secs)	15–90
Part Number	C-R-CY4420 (previously 4420)
Autoclavable (freq.)	121°C (10)



8 Place Cytology Rotor*

Rotor Type (ml)	8 x double
Max Tube Size (mm)	Standard Slide
RPM	200–2000 RPM
RCF	Up to 550 RCF
Radius (mm)	123mm
Sample Tube Angle°	Vertical
Accel. Time (secs)	15–90
Decel. Time (secs)	15–90
Part Number	C-R-CY4430 (previously 4430)
Autoclavable (freq.)	121°C (10)



12 Place Cytology Rotor*

Rotor Type (ml)	12 x double
Max Tube Size (mm)	Standard Slide
RPM	200–2000 RPM
RCF	Up to 550 RCF
Radius (mm)	123mm
Sample Tube Angle°	Vertical
Accel. Time (secs)	15–90
Decel. Time (secs)	15–90
Part Number	C-R-CY4460 (previously 4460)
Autoclavable (freq.)	121°C (10)

*All rotors come with with a sealed lid, clips, 24 double sample holders and 100 microscope slides.

ACCESSORIES

All Pro-Cyt Centrifuges come with a starter pack. This includes 100 microscope slides, a pack of 24 double sample holders, and fixed blotters. Rotors are complete with lid, swing plate and stainless steel holders to match.



Single Sample Holder with Card

Pack Size	Pack of 24
Capacity (ml)	1ml Max
Part Number	C-X-CY4444



Double Sample Holder with Card

Pack Size	Pack of 24
Capacity (ml)	1ml max
Part Number	C-X-CY4446



Mega Sample Holder with Card

Pack Size	Pack of 24
Capacity (ml)	6ml max
Part Number	C-X-CY4600



Stainless Steel Clip

Part Number	C-X-CY4462
-------------	------------



Microscope Slides

Pack Size	50
Corner Shape	90°
Part Number	GW-MS-90G

SMALL CYTOLOGY LED CENTRIFUGE DIMENSIONS



Contact

Hawksley & Sons Ltd
Fishersgate Forge,
Mill Road,
Fishersgate, Hove,
BN41 1PD

centurion@hawksley.co.uk
+44 (0) 1903 752 815

[Pro Cytology Centrifuges](#)

