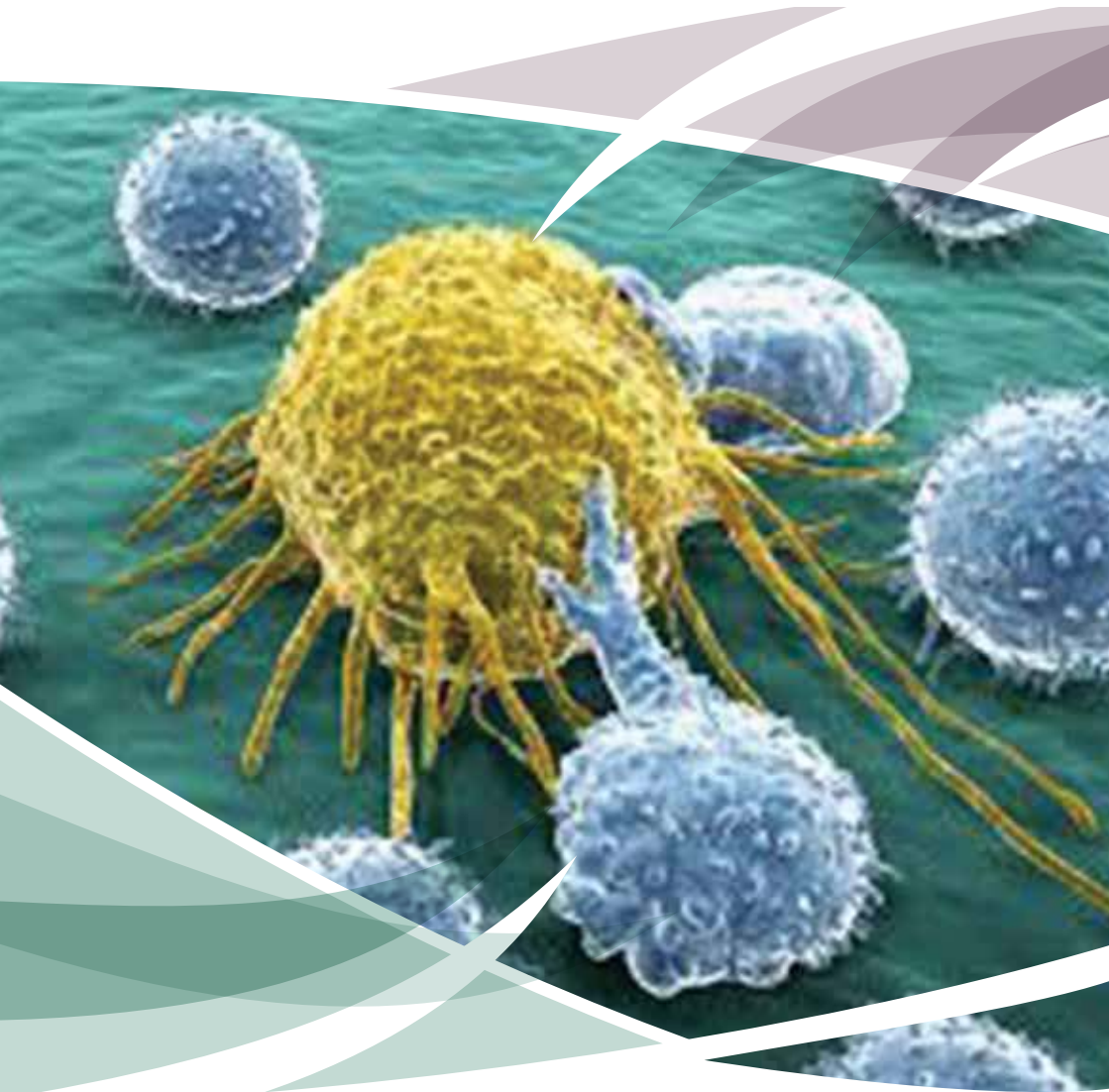


PrO-Cyt Centrifuges

Cytology Histology





Our Pro-Cyt range are compact and practical centrifuges for small , medium and large sample volumes. Unlike others we offer you a choice of two Centrifuges and each can use one of three rotors, from 4, 8 and 12 places, thus meeting your needs exactly.

They are both cost effective, yet still benefiting from the superb build quality and engineering of our research series.

Centurion centrifuges, with their applications-oriented accessories, are proven favourites in clinical, cytology , histology and small medical laboratories. Our compact, ergonomic design: smaller dimensions, ergonomic height and curved features ensure a comfortable and efficient workspace. Our Centrifuges deliver optimum performance in compact units, designed for ease of use. Quiet (below 50Db, rotor dependant) with low heat operation noise levels have been reduced while maintaining sample integrity with good airflow .

Performance and safety are top of our agenda, tight operational control is maintained by the microprocessor. An imbalance sensor is incorporated into the control loop to bring to a controlled stop of the centrifuge in the case of a tube rupture or incorrect loading.

Centurion centrifuges have been an industry standard for quality and reliability for 27 years, our centrifuges can be relied upon to deliver safe, reproducible and trouble-free results for many years.

Warranty 3 years for all models

Centurion brand centrifugation products are part of a dedicated range of products and services designed to provide you with quality equipment and support.

Choosing The Right Centrifuge

A centrifuge is a critical piece of equipment. Therefore, when the time comes to add new centrifuges or replace old models, it is important to make an informed decision. Bringing together technological and design excellence, Centurion have paved the way for a new generation of centrifuges.

We reserve the right to make changes with ongoing research and development.

PrO-Cyt Centrifuges

| User features to PrO-CYT series | Advantages |
|---|---------------------------------------|
| Large LCD display with touch control or LED | Clarity & ease of use |
| 10 accelerations rates & 10 deceleration rates | Sample assistance |
| 108 memory (12 pages of 9) or LED (10) | Multi department & Users |
| Timer 0-99 minutes & Hold in 1/30 second increments | Total flexibility |
| Pulse short run | Fast pelleting |
| Run in speed (rpm) or rcf (G) in 1/10 rpm increments | Accuracy |
| Sound <55db (rotor dependent) | Quiet |
| Orientation acceleration rate | Prevents initial sample side deposits |
| Standard to PrO-CYT series | Advantages |
| Extra thick 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 |
| Best quality European brushless motor | Quiet, cool & reliable |
| High technology airflow (ambient mode) | Cooler running |
| All centrifuges have user accessible service sections to access all safety parameters | |
| Safety features to PrO-CYT series | Advantages |
| Multi point lid locking | Lid safety |
| Emergency lid release | Power failure release |
| 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 |

Centurion Scientific Ltd centrifuges comply to all relevant EU standards for Quality and medical Devices IEC 61010 and CE conformity test marks Emission, immunity to EN/IEC 61326-1, Class B

Page 4 PrO-Cyt LED and PrO-Cyt LCD Centrifuges

Page 5 Rotors available. 4 place, 8 place and 12 place

Page 6 Sample holders available, single, double or single large.

Page 7 Package supplied and other available items

PrO Cyt LED

(230V 50/60Hz)



Display indicative only

PrO Cyt LCD

(230V 50/60Hz)



Display indicative only

1.PrO Cyt LED

110V 60Hz)

(Rotor required)

| | |
|-------------|------------------------------------|
| Speed | 200-2000 Rpm (10 Rpm steps) |
| Rcf Max | 550 G |
| Timer | 0-99 Mins & Hold (30 sec steps) |
| Dims HWD | 275 x 325 x 470mm |
| Weight | 21.8 Kg (without rotor) |
| Power | 175 Watts |
| Memory | 10 programs |
| Accel rates | 10 programs |
| Decel rates | 10 programs |

1.PrO Cyt LCD

(110V 60Hz)

(Rotor required)

| | |
|-------------|-------------------------------------|
| Speed | 200-2000 Rpm (1 Rpm steps) |
| Rcf Max | 550 G |
| Timer | 0-9999 Mins & Hold (1 sec steps) |
| Dims HWD | 275 x 325 x 470mm |
| Weight | 21.8 Kg (without rotor) |
| Power | 175 Watts |
| Memory | 108 programs |
| Accel rates | 10 programs |
| Decel rates | 10 programs |

Available Cytology Rotors

Using centrifugal force to separate and deposit a monolayer of cells onto slides whilst maintaining cellular integrity within a clearly defined area FROM ANY FLUID MATRIX.

Cyto centrifugation also constructively flattens cells for excellent nuclear presentation.

Applications include Cytology, Histology, Haematology, Oncology, Immunochemistry, Virology, Serology and Microbiology.

Offering samples from 0.1ml to 6ml and an extensive range of accessories we have your Cytology needs covered.

Cytology rotor includes Rotor, sealed lid, Clips, 24 x holders with filter card & 100 slides

| Rotor | 4420 |
|--------------------------|------------|
| Rotor type (ml) | 4 x double |
| Tube size max (mm) | STD slide |
| Minimum speed (Rpm) | 200 |
| Maximum speed (Rpm) | 2,000 |
| Maximum RCF (G) | 550 |
| Radius max (mm) | 123 |
| Sample tube angle (°) | vertical |
| Acceleration time (secs) | 15-90 |
| Deceleration time (secs) | 15-90 |
| Autoclavable (frequency) | 121°C (20) |

| Rotor | 4430 |
|--------------------------|------------|
| Rotor type (ml) | 8 x double |
| Tube size max (mm) | STD slide |
| Minimum speed (Rpm) | 200 |
| Maximum speed (Rpm) | 2,000 |
| Maximum RCF (G) | 550 |
| Radius max (mm) | 123 |
| Sample tube angle (°) | Vertical |
| Acceleration time (secs) | 15-90 |
| Deceleration time (secs) | 15-90 |
| Autoclavable (frequency) | 121°C (20) |



| Rotor | 4460 |
|--------------------------|-------------|
| Rotor type (ml) | 12 x double |
| Tube size max (mm) | STD slide |
| Minimum speed (Rpm) | 200 |
| Maximum speed (Rpm) | 2,000 |
| Maximum RCF (G) | 550 |
| Radius max (mm) | 123 |
| Sample tube angle (°) | Vertical |
| Acceleration time (secs) | 15-90 |
| Deceleration time (secs) | 15-90 |
| Autoclavable (frequency) | 121°C (20) |

Accessories



Pack of 24

4444

Single sample holder
with card (up to 1ml)



Pack of 24

4446

Double sample holder
with card (up to 1ml)



Pack of 40

4600

Single sample holder
with card (up to 6ml)



Single

4462

Stainless steel clips

Accessories included

All Pro-Cyt centrifuges are complete with a starter pack this includes.

100 microscope slides and a pack of 24 double sample holders including fixed blotters.

Rotors are complete with lid , swing plate and stainless steel holders to match.



We trust that the details contained within these pages allows you to make a informative decision on our Pro-Cyt range.