

Centurion Cytology Centrifuge

Using centrifugal force to separate and deposit a monolayer of cells on slides while maintaining cellular integrity within a clearly defined area FROM ANY FLUID MATRIX. Cyto-centrifugation also constructively flattens cells for excellent nuclear presentation. Our tilting action during spinning successfully centrifuges cells onto the deposition area of the slide giving all cell types equal opportunity for presentation.

Applications include cytology/histology, haematology/oncology, immunochemistry, virology/serology and microbiology.

Offering 2 units processing either 4 or 12 samples from 0.1ml - 6ml and an extensive range of accessories we have your cytology needs covered.

CYT12 with touch screen LCD display

Complete with 12 place rotor and starter pack

- Speed** 500-2000Rpm
- Max Rcf** 525G
- Timer** 0-99Minutes + hold
- Dims HWD** 27x33x46Cms
- Weight** 16.5Kilos without rotor



Features

LCD touch screen display 10 acceleration rates, 10 Deceleration rates, 108 program memory Run is speed or Rcf (G force) & W2t plus for true repeatability

CYT04 with bright blue LED display

Complete with 4 place rotor and starter pack

- Speed** 500-3000Rpm
- Max Rcf** 575G
- Timer** 0-99Minutes
- Dims HWD** 27x33x46Cms
- Weight** 16.5Kilos without rotor



Features

LED Display 10 acceleration rates, 10 Deceleration rates, 10 program memory Run is speed or Rcf (G force)

Standard features to both

- Stainless steel bowl
- Alloy and steel main frame with composite panels
- World brand leading industrial grade inverter
- High quality European brushless motor
- Full service access via coded system

Advantages

- Cleanliness & Rust Free
- Strong Light & Quiet
- Reliability & Accuracy
- Quiet, Cool & Reliable
- Easy servicing

Safety features to both

- Multi-point lid locking system containment
- Imbalance vibration detector with auto reset
- Lid lock detector
- Overspeed sensor
- Set inverter values
- Barrier ring
- Motor overheat sensor

Advantages

- Best Safety for Lid
- Easy "eye" volume loading
- Unable to run with an open lid
- Safe detection of speed
- Electronic safety of speed
- Metal protection of chamber
- Motor & samples protection

We reserve the right to make changes without prior notice in line with ongoing R&D

Cytology Accessories

PLEASE NOTE all our cytology machines are supplied complete with a starter pack included in the price. Consisting of a rotor, clips, holders, filters and slides.



4460 - 12 place rotor for CYT12. High quality polypropylene & stainless steel – autoclavable



4420 - 4 place rotor for CYTO4. High quality polypropylene & stainless steel – autoclavable



4444 - SINGLE sample disposable holder complete with white filter card (up to 1ml samples)
Cell deposition area 6mm in diameter .



4446 - DOUBLE sample disposable holder complete with white filter card (up to 1ml samples)
Cell deposition area 6mm in diameter .

OUR DOUBLE sample holders double the number of sample presentations per run. Disposable holders come with filter cards pre attached although if you did decide to re use we can supply replacement filter cards.



4462 - Our stainless steel clips hold the sample chambers (both single & double) , filter card and microscope slide (4043 Pk 100) for preparation in the cytology machines. Clips are autoclavable and reusable.

Further products that can be used

Allowing complete flexibility in the market place our cytology centrifuges will accept consumables from Shandon and Kaltek including stainless steel clips



Showing Shandon Clip & holder



Showing 6ml holder

6ml disposable chamber intended for single use, eliminating the need for metal clips. Large rectangular cell deposition area 22 x14.75 mm. Provides 12 times the sample volume (6ml). Dedicated for convenient preparation of larger volume samples. **REQUIRES SEPARATE** filter cards