

beaUty
CELL



Stem Cell Workstation

Next Generation Laboratory Systems

Revolutionary design
Reliable performance
Reproducible results



www.autoqbiosciences.com

info@autoqbiosciences.com

+44 (0)118 963 5881

Stem Cell Workstation

Next Generation Laboratory Systems

Everything you need for stem cell extraction in one clean ergonomic workspace

**Applications include Regenerative Medicine
Cosmetic Reconstruction, Sports Injury Recovery**

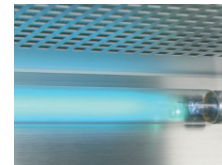
The Beauty Cell Multi Functional Workstation is the world's first purpose built compact, mobile system that offers clean room working conditions for the process of stem cell extraction from materials such as adipose tissue, blood, bone marrow and allows preparation of platelet enriched plasma for therapeutic applications.

The Beauty Cell incorporates all the equipment required for cell extraction processes within easy reach, and, control by foot pedal operation further reduces the need for manual interaction outside the working area.

With the ever increasing cost of customised clean room construction to contain contamination during delicate cell preparations, the Beauty Cell is proving to be the most cost effective alternative.

The Beauty Cell is revolutionising the way researchers and clinicians are working with stem cells both in the laboratory and in the clinic.

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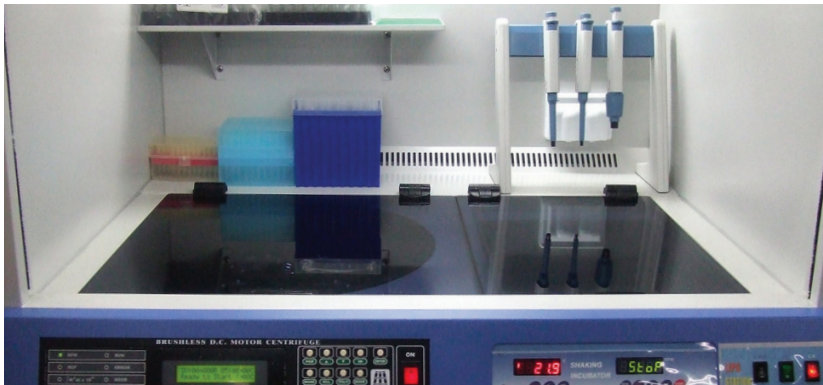


UV lamp and 99.99% Hepa Filter provides clean environment

Easy digital control system allows quick change of centrifuge and incubator



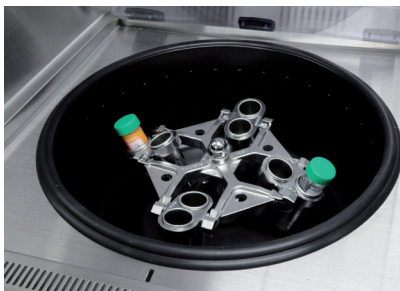
Particle Meter monitors air quality before and during work process



Internal Cleanbench allows easy access to centrifuge and incubator and is easy to clean



Footpedals allow independent control of centrifuge, incubator and suction



General purpose centrifuge allows wide range of sample separation



Shaking Incubator for enzyme and other temperature dependent processes



Suction Pump aids the process of excess fatty material to waste trap

Customised equipment

If required the Beauty Cell can be equipped with other equipment like CO2 incubators, plate storage etc.

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T: 0044 (0)118 963 5881

F: 0044(0)118 963 5882

International Distributor

Auto Q Biosciences Ltd

1210 Parkview

Arlington Business Park

Theale RG7 4TY

United Kingdom



Specifications

Main filter	HEPA Filter 99.99% efficiency on particles of 0.3µm
Exhaust Filter	HEPA Filter 99.99% efficiency on particles of 0.3µm
Sterilisation Lamp	U.V.G 20W × two each

Centrifuge

Max RPM	5,500rpm
Max RCF	5,411 × g
Max Capacity	360ml: fifteen × 24ml, eight × 50ml
Drive System	B/L DC motor
Timer	99 Hour 59 min Hold for long run

Shaking Incubator

Temp Range	Ambient 5 – 65°C
Speed Range	30 – 300 rpm
Plate Size	250 x 310 rpm
Time Range	No limit within 47 hours
Drive System	Beltless direct motor drive
Display	Digital LCD
Controller	Digital P.I.D Controller

Dimensions (mm)

Internal	800 × 650 × 550
External	900 × 790 × 1920