

# Improve Stem Cell Yield

## Sci-tive

Stem Cell Investigations - Total In Vitro Environment

Sci-tive has been designed to mimic in-vivo conditions providing a continuous cell culture environment which eliminates cellular stress linked to variations in temperature, pH and oxidation yielding better stem cell lines.

### 🌀 Complete “Lab in a Box”

Reduces need for laminar air flow cabinets, stereo microscopes, CO<sub>2</sub> incubators

### 🌀 Stress-Free Cell Manipulation

Now Stem Cell Biologists can work under stable O<sub>2</sub>, CO<sub>2</sub>, pH, temperature and humidity for derivation, manipulation and culturing steps

### 🌀 Direct-Hand Access into Workstation

Using sterilized and user friendly cuff & sleeve system (Ezee Sleeve™)

### 🌀 Imaging Ready

A digital stereo microscope or real-time live cell imaging system is easily accommodated

### 🌀 Aids Compliance with EU TCD (2004/23/EU)

VOC filtration and HEPA filtration create a biologically safe working environment

### 🌀 CE (1293) Approved (MDD 93/42/EEC)

Compliant with European EMC and electrical safety tests

innovation in incubation

## Product Specifications

### External Workstation Dimensions

- Height of Unit (excluding stand) 40"
- Width of Unit (side to side) 65"
- Depth 30"  
(additional 6" required behind workstation for piping)

### Internal Workstation Dimensions

- Height 23"
- Width 46"
- Depth 22"

### Workstation Weight

- Weight approx. 500 lbs

### Interlock Dimensions

- Height 8"
- Width 10"
- Depth 7"

### Atmosphere Control

- Temperature Ambient + 5°C - 45°C
- Humidity Control Ambient - 85%
- O<sub>2</sub> Control 0.0% - 20.9%
- CO<sub>2</sub> Control 0.0% - 30.0%
- Integrated HEPA Filtration System
- Activated Carbon Filtration System

### Alarms

- Temperature - Visual and Audible
- Humidity - Visual
- Gas Low Pressure - Visual and Audible

### Standard Accessories

#### Workstation

- Stand
- 2 Racks with Perforated Shelves to Optimise Homogeneity
- Direct-hand Access using Ezee Sleeve™ and Ezee Pleez System
- Removable Front with UV Filtration Screen
- Waste Trays
- Gas Tight Waste Port

#### System PC and Software

- On-screen Keyboard
- Independent Touch Pad Mouse
- Windows Vista
- Flat Screen Monitor
- Imaging Camera
- Cronus3™ Imaging Software from RI

#### Gas Control Software

- USB Communications Port
- 7 Days Continuous Storage of Event Log Data
- One Touch Calibration (O<sub>2</sub>)
- On-Screen Fault Assistance

#### Microscope

- Nikon AZ100 MZ Microscope fitted with triple nose piece and a single 2x magnification lens is supplied as standard which offers 46mm of working height. Other lenses can be purchased separately (choice is 1x or 4x magnification)

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The Ruskinn brand was founded in 1993 and rapidly became established as one of the world's leading suppliers and manufacturers of anaerobic and modified atmosphere workstations. Ruskinn's purpose built factory is located within the Sony Technology Centre near Pencoed in South Wales, UK. Ruskinn's range of high quality workstations is available worldwide through a global network of carefully selected distributors.



### Digital, Stereo Microscope Options

- Nikon AZ100 MZ (as shown)
- Leica M 205 C
- Olympus

### NEW Optional Accessories

- Remote Monitoring

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