### Laboratory Incubators

#### Application | Device type | Type of the laboratory cabinet | Heating | Forced convection | Volume (l)
---|---|---|---|---|---
**ECOCCELL** | Drying oven | | | | 22
**DURCELL** | Drying oven with inner resistant EPOLON-coating | | | | 50
**VENTCELL** | Drying oven | | | | 55
**STERCELL*** | Drying oven / hot-air sterilizer | | | | 111
**VAUCCELL** | Vacuum drying oven | | | | 190
**ECOCCELL** | Vacuum drying oven | | | | 222
**INCOCELL** | Incubator | | | | 404
**INCOCELL V** | Incubator | | | | 707
**FRIOCCELL** | Incubator with cooling | | | | 5*-250/300
**CLIMACELL** | Incubator with cooling and controlled humidity | | | | 10*-99.9
**CO2CELL** | Incubator | | | | 5*-60
**DUROCELL** | Drying oven with inner resistant EPOLON-coating | | | | 5*-125
**VENTCELL** | Drying oven | | | | 10*-250/300
**STERCELL*** | Drying oven / hot-air sterilizer | | | | 18*-256
**VAUCCELL** | Vacuum drying oven | | | | 5*-220
**ECOCCELL** | Vacuum drying oven | | | | 5*-200
**INCOCELL** | Incubator | | | | 5*-95
**INCOCELL V** | Incubator | | | | 10*-95
**FRIOCCELL** | Incubator with cooling | | | | 5*-5/9-95
**CLIMACELL** | Incubator with cooling and controlled humidity | | | | 5*-5/9-95
**CO2CELL** | Incubator | | | | 5*-80

*All technical data relate to and are valid for the ambient temperature of 22 °C and the voltage fluctuation of ± 10%.

* above ambient temperature

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The STERICELL product line complies also with requirements of Medical Device Directive 93/42/EEC.
The versatile standard line with microprocessor control unit

- Manual control of the air exhaust flap
- Digital safety thermostat
- Delayed heating start and stop function
- RS 232 – interface for printer or computer

The high-technical standard of our FRIOCELL incubators allows exact incubation processes both for variable and determination. This means that you can have your safety moment and show a sensitive manner in the precise regulation. A unique cooling system ensures that this samples entered drained while cooling. A high-performance system of the cooling process outstanding hermeticness parameters for tests and growth conditions. Those devices are designed for use in technology, biology, food-processing industry, cosmetics, chemical industry etc.

Options
- Access ports (25, 50, 100 mm) (210 mm) is not available for 212 l models – 60 %
- Door lock with electronic lock (optional volume 22 l)
- N₂ pressure regulator
- Independent safety thermostat
- Internal glass door (only 50 litres)
- Inner glass door
- Seamless inner chamber with rounded corners
- External heating system for maximum homogeneity and internal conditions
- Access port in the back of the machine

The hi-tech comfort line with multi-functional microprocessor control unit

- 6 adjustable programs
- Chip card system for individual program storage
- RS 232 – interface for printer or PC communication
- Delayed heating start and stop function
- Audible and visual alarm in error state
- Time range 0–40 weeks with 1 minute intervals
- Digital safety thermostat
- Real time
- Selectable rate of temperature increase or decrease – “RAMPS”
- Programming of program time segments – “SEGMENTS”
- Programme cycles
- Adjustable ventilation rate 10 to 100 % (INCUCELL V, FRIOCELL, PROCELL 22 only 100 %, CLIMACELL)
- Manual control of the air exhaust flap (the suction and air exhaust only INCUCELL V, the air exhaust only INCUCELL)
- Keyboard locking
- Door opening control (included in FRIOCELL, CLIMACELL, CO2CELL)

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CO₂ – atmosphere

Application
Latest generation of CO₂ incubators is focused on constant and reproducible conditions for cell growth, proliferation, tissue and other cultivating cultures. Trail circuit heating system eliminates the need of fans consequently lowers the risk of vibrations and cross-contamination. Drift free infrared sensor provides maximum reliability and measurement precision during the whole process.

Device characteristic
- Internal glass door
- Contamination risk avoided by using no fan
- 2 x 3 LED display
- Continuous indication of set temperature and CO₂ concentration
- Audible and visual alarm
- Infrared thin film CO₂ sensor
- Independent safety thermostat
- N₂ filter on incoming
- CO₂ tubing
- Access port to chamber with recessed corner
- External heating system for maximum homogeneity and internal conditions
- Access port in the back of the machine

Technical data
- Inner volume: 91, 111, 222, 404, 707 litres
- Working temperature: –9.9 °C with cooled incubators
- Range of useful options supports features like contamination risk avoided by using no fan, 2 x 3 LED display, Continuous indication of set temperature and CO₂ concentration, Audible and visual alarm, Infrared thin film CO₂ sensor, Independent safety thermostat, N₂ filter on incoming, CO₂ tubing, Access port to chamber with recessed corner, External heating system for maximum homogeneity and internal conditions, Access port in the back of the machine

Incubators – as specific as your application

Accredio approvals to: 2006/56/EC, 2004/08/EC.
### Laboratory Incubators

<table>
<thead>
<tr>
<th>Application</th>
<th>Device type</th>
<th>Type of the laboratory cabinet</th>
<th>Heating method</th>
<th>Working temperature (°C)</th>
<th>Volume (l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECOCELL</td>
<td>Drying oven</td>
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<tr>
<td>DURACELL</td>
<td>Drying oven with inner resistant EPOLON coating</td>
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<tr>
<td>VENTICELL</td>
<td>Drying oven</td>
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<tr>
<td>STERICELL</td>
<td>Drying oven / neutral sterilizer</td>
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<tr>
<td>VAUCELL</td>
<td>Vacuum drying oven</td>
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<tr>
<td>INCUCELL</td>
<td>Incubator</td>
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<td>INCUCELL V</td>
<td>Incubator</td>
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<tr>
<td>FRIOCELL</td>
<td>Incubator with cooling</td>
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<tr>
<td>CLIMACELL</td>
<td>Incubator with cooling and controlled humidity</td>
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<tr>
<td>CO2CELL**</td>
<td>Incubator with CO₂ atmosphere</td>
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**Line... CELL**

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**...Blue Line**

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**innovative heat technology**

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**protecting human health**

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**Laboratory incubators**