



**CRESCENT**  
scientific  
*...helping science*

NITROGEN  
EVAPORATORS  
YOU CAN  
**DEPEND**  
UPON...

Modern-Day  
Product  
Design

Dependable  
Product  
Quality

**rapid**

Value  
Added  
Features

Unique  
Range



**rapid mini**  
EC SYSTEM



**rapid 50**  
EC SYSTEM



**rapid 100**  
EC SYSTEM



**rapid plus**  
EC SYSTEM



**rapid 100+**  
EC SYSTEM

All evaporators are available in Powder coated body

**rapid<sub>mini</sub>**  
EC SYSTEM

**rapid<sub>50</sub>**  
EC SYSTEM

**rapid<sub>100</sub>**  
EC SYSTEM

**rapid<sub>plus</sub>**  
EC SYSTEM

**rapid<sub>100+</sub>**  
EC SYSTEM

## Dependable Benefits

### Modern-day evaporator design

- Each product offers a modern aesthetic design which enhances ease of usage & simplifies ability to service the instrument
- The portrait layout saves valuable laboratory bench space
- Digitized display ensures smart display of real time parameters
- Pressure knob is fitted within the body dimension eliminating the risk of knob damage

### Dependable Product Quality

- **CE** Certified
- Rigorously tested to ensure world class quality
- Key components imported from reputed world class sources ensures highly dependable quality

### Value added features

- Detachable Nozzles: Reduces replacement cost and provides ease of service

Specially Developed For Agricultural, Marine, Environmental & Small Research Labs Etc Who Need To Evaporate Small Sample Sizes (25 Or Less)

# rapid mini

EC SYSTEM



## Technical Specifications

|                                 |   |
|---------------------------------|---|
| Samples                         | 25  |
| Volume Range                    | 4ml - 30 ml   |
| Rack Size                       | 12 x 75 mm (4ml)  |
|                                 | 13 x 100 mm (7ml)   |
|                                 | 16 x 100 mm (12ml)  |
|                                 | 16 x 125 mm (16ml)  |
|                                 | 20 x 150 mm (30ml)  |
| Gas Requirements                | Requires clean, dry, nitrogen regulated to 60 PSI minimum |
| Display                         | LED   |
| Parameters                      | Temperature, Pressure & Time                              |
| Temperature Units               | °C  |
| Temperature Range               | Ambient to 90° C  |
| Temperature Accuracy            | ± 2° C  |
| Temperature Resolution          | ± 1° C  |
| Pressure Units                  | PSI   |
| Pressure Control                | Pneumatic Gas Regulator                                   |
| Pressure Regulator Range        | 0-30 PSI adjustable                                       |
| Time Units                      | Minutes   |
| Time Range                      | 1 min to 99 mins  |
| Time Accuracy                   | 0.10%   |
| No. of Manifolds                | 5   |
| No. of Nozzle in each Manifolds | 5   |
| Power                           | 230 VAC ± 50/60 Hz  |
|                                 | 110 VAC ± 60 Hz   |

Developed For Laboratories Who Need To Evaporate  
Upto 50 Samples

# rapid50

EC SYSTEM

## Technical Specifications



|                                 |   |
|---------------------------------|---|
| Samples                         | 50  |
| Volume Range                    | 1.0ml - 30ml  |
| Rack Size                       | For different test tube sizes                             |
| Rack for Tube Sizes             | Flip Cap (1.5ml)  |
|                                 | 12 x 75 mm (4ml)  |
|                                 | 13 x 100 mm (7ml)   |
|                                 | 16 x 100 mm (12ml)  |
|                                 | 16 x 125 mm (16ml)  |
|                                 | 20 x 150 mm (30ml)  |
| Gas Requirements                | Requires clean, dry, nitrogen regulated to 60 PSI minimum |
| Display                         | LED   |
| Parameters                      | Temperature, Pressure & Time                              |
| Temperature Units               | °C  |
| Temperature Range               | Ambient to 90° C  |
| Temperature Accuracy            | ± 2° C  |
| Temperature Resolution          | ± 1° C  |
| Pressure Units                  | PSI   |
| Pressure Control                | Pneumatic Gas Regulator                                   |
| Pressure Regulator Range        | 0-30 PSI  |
| Time Units                      | Minutes   |
| Time Range                      | 1 min to 99 mins  |
| Time Accuracy                   | 0.10%   |
| No. of Manifolds                | 5   |
| No. of Nozzle in each Manifolds | 10  |
| Power                           | 230 VAC ± 50/60 Hz, 5A                                    |
|                                 | 110 VAC ± 60 Hz, 10A                                      |



Specially Developed For CRO's Who Need To Evaporate Large Sample Size (Between 51-100) & Need To Ensure Uniformity Of Sample Evaporation

# rapid100

EC SYSTEM



## Technical Specifications

|                                 |   |
|---------------------------------|---|
| Samples                         | 100   |
| Volume Range                    | 4ml   |
| Rack Size                       | 12 x 75 mm (4ml)  |
| Gas Requirements                | Requires clean, dry, nitrogen regulated to 60 PSI minimum |
| Display                         | LED   |
| Parameters                      | Temperature, Pressure & Time                              |
| Temperature Units               | °C  |
| Temperature Range               | Ambient to 90° C  |
| Temperature Accuracy            | ± 2° C  |
| Temperature Resolution          | ± 1° C  |
| Pressure Units                  | PSI   |
| Pressure Control                | Pneumatic Gas Regulator                                   |
| Pressure Regulator Range        | 0-30 PSI adjustable                                       |
| Time Units                      | Minutes   |
| Time Range                      | 1 min to 99 mins  |
| Time Accuracy                   | 0.10%   |
| No. of Manifolds                | 5   |
| No. of Nozzle in each Manifolds | 20  |
| Power                           | 230 VAC ± 50/60 Hz<br>110 VAC ± 60 Hz                     |

Developed For Laboratories Who Need To Evaporate  
Large Volumes (50-200ml)

# rapid<sup>plus</sup>

EC SYSTEM



## Technical Specifications

|                                 |  |
|---------------------------------|--|
| Samples                         | 4 or 6   |
| Volume Range                    | 50 ml, 100 ml, & 200 ml                                    |
| Rack Size                       | 50ml x 6 Samples<br>100ml x 4 Samples<br>200ml x 4 Samples |
| Gas Requirements                | Requires clean, dry, nitrogen regulated to 60 PSI minimum  |
| Display                         | LED  |
| Parameters                      | Temperature, Pressure & Time                               |
| Temperature Units               | °C   |
| Temperature Range               | Ambient to 90° C   |
| Temperature Accuracy            | ± 2° C   |
| Temperature Resolution          | ± 1° C   |
| Pressure Units                  | PSI  |
| Pressure Control                | Pneumatic Gas Regulator                                    |
| Pressure Regulator Range        | 0-30 PSI adjustable  |
| Time Units                      | Minutes  |
| Time Range                      | 1 min to 99 mins   |
| Time Accuracy                   | 0.10%  |
| No. of Manifolds                | 3  |
| No. of Nozzle in each Manifolds | 2  |
| Power                           | 230 VAC ± 50/60 Hz<br>110 VAC ± 60 Hz                      |

Next Generation Evaporator Specially Designed For CRO's / Bioanalytical Laboratories Doing Clinical BA/BE Studies And Need To Evaporate More Than 100 Samples Simultaneously.

# rapid100+ EC SYSTEM

## Technical Specifications



|                                 |   |   |
|---------------------------------|---|---|
| Samples                         | 120 Samples   | 144 Samples   |
| Volume Range                    | 3ml, 4ml  | 3ml   |
| Rack Size                       | 10 x 75ml (3ml)   | 10 x 75ml (3ml)   |
|                                 | 12 x 75ml (4ml)   | NA  |
| Gas Requirements                | Requires clean, dry, nitrogen regulated to 60 PSI minimum | Requires clean, dry, nitrogen regulated to 60 PSI minimum |
| Display                         | LED   | LED   |
| Parameters                      | Temperature, Pressure & Time                              | Temperature, Pressure & Time                              |
| Temperature Units               | °C  | °C  |
| Temperature Range               | Ambient to 90° C  | Ambient to 90° C  |
| Temperature Accuracy            | ± 2° C  | ± 2° C  |
| Temperature Resolution          | ± 1° C  | ± 1° C  |
| Pressure Units                  | PSI   | PSI   |
| Pressure Control                | Pneumatic Gas Regulator                                   | Pneumatic Gas Regulator                                   |
| Pressure Regulator Range        | 0-30 PSI adjustable                                       | 0-30 PSI adjustable                                       |
| Time Units                      | Minutes   | Minutes   |
| Time Range                      | 1 min to 99 mins  | 1 min to 99 mins  |
| Time Accuracy                   | 0.10%   | 0.10%   |
| No. of Manifolds                | 6   | 6   |
| No. of Nozzle in each Manifolds | 20  | 24  |
| Power                           | 230 VAC ± 50/60 HRZ                                       | 230 VAC ± 50/60 Hz  |
|                                 | 110 VAC ± 60 HRZ  | 110 VAC ± 60 Hz   |





**CRESCENT**  
scientific  
*...helping science*

Please send your enquires to

**Head Office - Mumbai**

C-114, Synthofine Industrial Estate,  
Off Aarey Road, Goregaon (East),  
Mumbai 400063, Maharashtra, India  
Tel: (+91) 22 29275835  
Fax: (+91) 22 29275518  
Email: crescent@cspl.in

**Regional Office - Mumbai**

A-222, Synthofine Industrial Estate,  
Off Aarey Road, Goregaon (East),  
Mumbai 400063, Maharashtra, India  
Tel: (+91) 22 29275832  
Email: hiten@cspl.in

**Ahmedabad**

No-709, 7th Floor, Sitiratna Building,  
Near Panchvati Circle, Ambawadi,  
Ahmedabad 380006, Gujarat, India  
Tel: (+91) 079 26444180, 079 40029180  
Email: hiten@cspl.in

**Chennai**

12/202, Ground Floor, 52nd Street,  
7th Avenue, Ashok Nagar,  
Chennai 600083, India  
Tel: (+91) 044 45022263  
Email: palani@cspl.in

**Lunar - Mumbai**

A-223, Synthofine Industrial Estate,  
Off Aarey Road, Goregaon (East),  
Mumbai 400063, Maharashtra, India  
Tel: (+91) 22 29275836  
Email: raj@cspl.in

**Manufacturing - Mumbai**

C-9, Synthofine Industrial Estate,  
Off Aarey Road, Goregaon (East),  
Mumbai 400063, Maharashtra, India  
Tel: (+91) 22 29275837 / 34  
Email: support@cspl.in

**Bengaluru**

# 1111/ 1112, 'B' Wing, 11th Floor,  
Mittal Towers, No.6, M G Road,  
Bengaluru 560001, Karnataka, India  
Tel: (+91) 080 41120733  
Email: palani@cspl.in

**Delhi**

713 Vishwadeep Tower,  
District Centre,  
Janakpuri, New Delhi 110058, India  
Tel: (+91) 011 41018861  
Email: raghu@cspl.in

**Hyderabad**

201/A, Lingapur House, Amrutha Estates,  
Himayatnagar, Hyderabad 500 029,  
Andhra Pradesh, India  
Tel: (+91) 040-66848836, 040-40102005,  
040- 23220186  
Email: ganesh@cspl.in