

SAMPLE CONCENTRATOR CON15-SC



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Concentrator refers to the amount of a substance in a defined space. Concentration is especially used for concentrating or preparing sample in batches in laboratory.

Used in Drug screening, hormone analysis, liquid phase.

Also known as Laboratory Concentrator.

CON15-SC SAMPLE CONCENTRATOR

The height of the air chamber plate can be adjusted. The length of a standard gas needle is 150mm.

LED displays immediate temperature and diminishing time. Operation is simple and convenient.

Built in overheat protection, automatic fault detection and fault beep alarm devices.

The entire equipment can be put into ventilation cabinet when the concentration sample is in toxic solvents.

Synchronously working with heating by dry bath in the bottom and nitrogen blowing on the surface accelerates liquid evaporation and sample concentration.

Unique patented design for air channel control system, enhances air tightness and reduces potential leakage; easy to operate, lift/press air needle to realize channel switch; the switching status of each channel is clear at a glance.

Standard configured air cavity and adjustable bracket.



SPECIFICATIONS

| Model | CON15-SC |
|-------------------------------|----------------------------|
| Temp. Control Range | R.T.+5°C~150°C |
| Temp. Setting Range | 5°C~150°C |
| Temp. Display Accuracy | 0.1°C |
| Heating Speed | ≤30min(40°Cto150°C) |
| Time Range | 1min~99h59min |
| Needle Plate Max. Lift Stroke | 285 mm |
| Temp. Stability@40~100°C | ±0.5°C |
| Temp. Stability@100~150°C | ±1°C |
| Block Temp. Uniformity@100°C | ±0.5°C |
| Block Temp. Uniformity@150°C | ±1°C |
| Gas-In Joint Outer Dimension | Φ7 mm |
| Nitrogen Pressure | ≤0.1 Mpa |
| Nitrogen Flow Rate | 0~10L/min |
| Needle Length | 150 mm |
| Sample Capacity | 1 Standard Block |
| Voltage | AC 220V/AC 110 V, 50/60 Hz |
| Power | 200 W |
| Fuse Protector | 230x200x525 mm |
| Dimension(LxWxH) | W.200xD.230xH.525 mm |
| Net Weight | 5.1 kg |

OPTIONAL ACCESSORIES

| Accessory Code | Name | Description | Capacity |
|----------------|---------------------------|--|------------------------------------|
| LS52349 | Swing-out Rotor – Adapter | 12x50 ml | |
| LS52362 | Swing-out Rotor – Adapter | 36x15 ml | |
| LS52375 | Swing-out Rotor – Adapter | Blood collection tube | 56x8/10 ml blood collection tube |
| LS52388 | Swing-out Rotor – Adapter | Blood collection tube | 72x2-7 ml blood collection tube |
| LS52401 | Swing-out Rotor – Adapter | Falcon conical bottle | 4x175/225 ml Falcon conical bottle |
| LS52414 | Swing-out Rotor – Adapter | 4x250 ml Corning conical bottle or 4x200 ml Nunc™ bottle or 4x175 ml Nalgene™ conical bottle | |
| LS52427 | Swing-out Rotor – Adapter | 16x50 ml | |
| LS52440 | Swing-out Rotor – Adapter | 40x15 ml | |
| LS52453 | Swing-out Rotor – Adapter | 100x1.5/2.0 ml | |
| LS52466 | Swing-out Rotor – Adapter | Blood collection tube | 80x8/10 ml |
| LS52479 | Swing-out Rotor – Adapter | Blood collection tube | 112x2-7 ml |
| LS52492 | Swing-out Bucket Rotor | Radio-immunity tube | 148x5 ml |
| LS52505 | Swing-out Bucket Rotor | Blood collection tube | 96x2-7ml |
| LS52518 | Swing-out Bucket Rotor | 4x3 96 well microplates or 4x2 cell culture plates or 4x1 deep well plates | |
| LS52531 | Swing-out Rotor | 4x750 ml | |
| LS52544 | Swing-out Rotor – Adapter | 108x1.5/2.0 ml | |
| LS52557 | Swing-out Rotor – Adapter | 12x100 ml | |

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