IRIS ANALYTICAL

# OVENS & INCUBATORS






cs@irisanalytical.com

+1 706 760 4500

www.irisanalytical.com

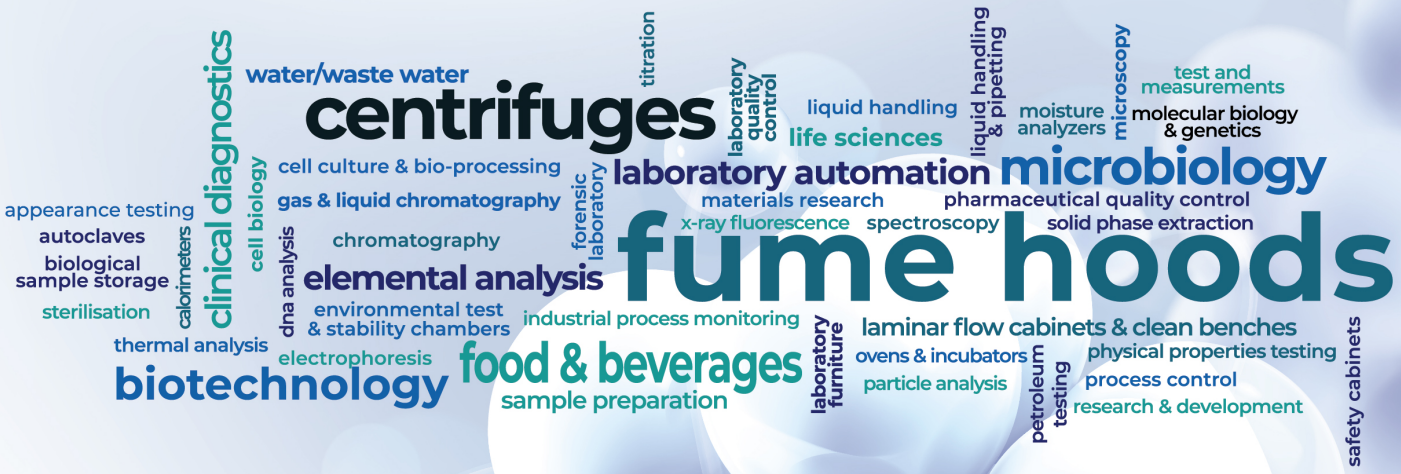
Iris LS-3000 Large Capacity Upright Shaking Incubator stands for high quality and cutting edge technology. Whether working with a small bench top incubator shaker or the large incubator shaker, the quality remains the same. Controls are user friendly and can be read at a glance. Each parameter has its own controller employing the latest technology and offering continuous monitoring.

The LS-3000 Series Incubator shakers are often used for cell culturing, cell aeration, and solubility studies. In addition to offering stable temperature conditions, the Iris incubator shakers use an orbital agitation at variable speeds to affect the growth of cell cultures.

- Inside material is SUS304 and outside body is powder painting
- Install light to view inside clearly
- The compressor will be delayed to start working if power cut and with timer for defrost, using environmental protection cold-media R134a.
- With safety switch to stop shaking when opening door
- Three-point bearing transmission is adopted suitable for heavy loads and continuous duty.
- Tempered Safety Glass Window for operation view
- Brushless AC motor for long durability and stable performance
- Overheat and over low protector, built-in circulating fan for temperature stability.

| Model | LS-3500 | | LS-3500R | | LS-3500D | | LS-3500RD | | LS-3800 | | LS-3800D | | LS-3800R | | LS-3800RD | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Platform | Single | | | | Double | | | | Single | | | | Double | | | |
| Platform | Ambient +5?~70? | | 0?~70? | | Ambient +5?~70? | | 0?~70? | | Ambient +5?~70? | | 0?~70? | | Ambient +5?~70? | | 0?~70? | |
| Platform | Single | | | | Double | | | | Single | | | | Double | | | |
| Temperature Range (?) | (D) Ambient + 5?~70? / (RD) 0?~70? | | | | | | | | | | | | | | | |
| Temperature Accuracy | ±0.1? | | | | | | | | | | | | | | | |
| Temperature Control | Micro-computer PID temperature controller | | | | | | | | | | | | | | | |
| Temperature Display | LED 2-screen digital display actual and setting temperature | | | | | | | | | | | | | | | |
| Shaking Speed | 20~250 r.p.m | | | | 20~150 r.p.m | | | | 20~250 r.p.m | | | | 20~150 r.p.m | | | |
| Shaking Width | 50 mm | | | | | | | | | | | | | | | |
| Timer | 999 h / 999 min / 999 sec | | | | | | | | | | | | | | | |
| Heater | 1600 W | | | | | | | | | | | | | | | |
| Illumination | Fluorescent lamp 20W | | | | | | | | | | | | | | | |
| SHELF ( Adjustable) | 2 | | | | 1 | | | | 2 | | | | 1 | | | |
| Volume (L) | 560 L | | | | 560 L | | | | 834L | | | | 834L | | | |
| Refrigerator | N/A | | | | 1/3 HP | | | | N/A | | | | 1/2 HP | | | |
| Shaking Plate Size mm | 740 x 480 mm | | | | | | | | 960 x 600 mm | | | | | | | |
| Inside Dimension (WxDxH) mm | 860 x 600 x 1100 mm | | | | | | | | 1100 x 690 x 1100 mm | | | | | | | |
| Outside Dimension (WxDxH) | 940 x 800 x 1840 mm | | | | | | | | 1190 x 920 x 1840 mm | | | | | | | |
| Weight (kg) | 280kg | | | | | | | | 300kg | | | | | | | |
| Electrical Requirements | 110V/60Hz | 220V/50Hz | 110V/60Hz | 220V/50Hz | 110V/60Hz | 220V/50Hz | 110V/60Hz | 220V/50Hz | 110V/60Hz | 220V/50Hz | 110V/60Hz | 220V/50Hz | 110V/60Hz | 220V/50Hz | 110V/60Hz | 220V/50Hz |
| Catalogue No. | 54050051 | 54050052 | 54050101 | 54050102 | 54050151 | 54050152 | 54050201 | 54050202 | 54050251 | 54050252 | 54050301 | 54050302 | 54050351 | 54050352 | 54050401 | 54050402 |

IRIS ANALYTICAL




IRIS Analytical Inc.

cs@irisanalytical.com +1 706 760 4500 www.irisanalytical.com