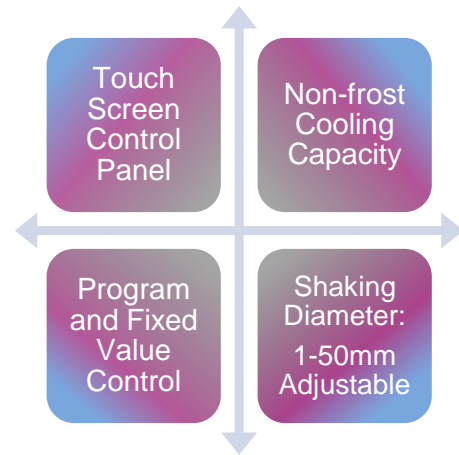




Premium Orbital Shaking Incubators



ZWYR-200D



☞ Descriptions:

This new premium benchtop shaking incubators provided by LABWIT offer conditions of time, temperature and orbital or reciprocal agitation for the growth of biological organisms. This microprocessor controlled shakers have a number of advanced features that are really unique in bench top models.

This unique benchtop model with shaking diameter stepless adjustable from 1-50mm provides unmatched flexibility for meeting comprehensive application requirements. As one of the new features, the sophisticated PID controller provides these units with choices of not only constant controlling one fixed temperature and speed, but also programmed controlling with a series of “ramps and soaks” segments. Moreover, together with the introduction of large TFT touch screen, this unique unit can assist you finish all complicated program settings just with finger tips.

For data recording, the units are equipped with a built-in thermo printer as standard, so that operators could check how the performance parameters vary according to specified process without having to be on site.

☞ Features:

- ◆ 4.3" LCD 480x272 touch screen panel clearly indicates all parameters in one page display.
- ◆ Unit can be programmed to operate with 9 segments for temperature and shaking speed.
- ◆ Chamber & tray from electro polished stainless steel.
- ◆ Special low noise induction motor system enables high rotation speed up to 600rpm.
- ◆ Single counter balanced drive allows stroke continuous adjustment from 1 to 50 mm.
- ◆ AC inductive motor, brushless and maintenance free.
- ◆ Password protection against unauthorized change of parameters.
- ◆ Audible and visual alarms on over temperature and motor overheating, and automatically cut off the power.
- ◆ Soft start and smooth acceleration when lid is closed after short opens.
- ◆ Timer up to 9999 mins under fixed value control mode.
- ◆ Predrilled standard tray included, without clamps.

| *Glass dimensions may reduce max. capacity | | | | | | | | | |
|--|------|-------|-------|-------|-------|--------|--------|--------|--------|
| Capacity | 50ml | 100ml | 250ml | 500ml | 750ml | 1000ml | 2000ml | 3000ml | 5000ml |
| ZWYR-200D | 23 | 23 | 12 | 9 | 7 | 5 | - | - | - |
| ZWYR-240 | 23 | 23 | 12 | 9 | 7 | 5 | 4 | - | - |
| ZWFR-200 | 23 | 23 | 12 | 9 | 7 | 5 | - | - | - |

Specifications:

| Model | ZWYR-200D | ZWYR-240 | ZWFR-200 |
|----------------------------------|---|-------------|-------------|
| Control | P.I.D Microprocessor | | |
| Control Mode | Fix Value or Program (up to 9 Segments) | | |
| Control Panel | 4.3" LCD Touch Screen | | |
| Volume (L) | 69 | | |
| Shaking Speed (rpm) | 30-600 | 30-400 | 30-240 |
| Stroke (mm) | 1-50 Stepless Adjustment | | |
| Shaking Mode | Orbital | | Reciprocal |
| Tray (mm) (WxD) | 400x370 | | 435x420 |
| Ambient Temperature(°C) | 5-25 | | |
| Temperature Range (°C) | 4-60 | | |
| Temperature Accuracy (°C) | 0.1 | | |
| Temperature Uniformity (°C) | ±1°C@37°C | | |
| Timer | 1 to 9999 mins | | |
| Inner Dimensions (mm) (WxDxH) | 490x450x315 | 490x450x335 | 490x450x315 |
| Exterior Dimensions (mm) (WxDxH) | 774x732x605 | | |
| Packing Dimensions (mm) (WxDxH) | 895x852x775 | | |
| Net/Gross Weight (kg) | 100/132 | | |
| Power (W) | 700 | | |
| Electricity | 220-240V 50/60 Hz | | |
| Approval | CE, ISO | | |
| Shortcut Settings | Control Mode, Constant Temperature, Automatic Cooling Control, Power-off Recovery Switch, Door Switch, Print Switch | | |
| Security | Over-temperature Protection, Compressor Overload Protection, Electrical Leakage Protection | | |
| Additional | Built-in Printer, RS485 COM Kit (Option) | | |

Order Information:

| | | | |
|------------------|---|--------------|--|
| ZWYR-240 | ZWYR-240, 69L, Pre Orbital Shaking Incubator 4-60, 30-400rpm | P8003 | T Clamp, S/S, for 250ml Flask, with Spring Retainer |
| ZWYR-200D | ZWYR-200D, 69L, Pre Orbital Shaking Incubator 4-60, 30-600rpm | P8014 | T Clamp, S/S, for 300ml Flask, with Spring Retainer |
| ZWFR-200 | ZWFR-200, 69L, Pre Reciprocal Shaking Incubator 4-60, 30-600rpm | P8004 | T Clamp, S/S, for 500ml Flask, with Spring Retainer |
| P6004 | Tray for ZWY-240/200D, S/S | P8005 | T Clamp, S/S, for 750ml Flask, with Spring Retainer |
| P7005 | Universal Tray for ZWY-240/200D | P8006 | T Clamp, S/S, for 1000ml Flask, with Spring Retainer |
| P8001 | T Clamp, S/S, for 50ml Flask, with Spring Retainer | P8010 | Tube Rack S/S |
| P8002 | T Clamp, S/S, for 100ml Flask, with Spring Retainer | P8011 | Tube Rack ABS Plastic |
| P8013 | T Clamp, S/S, for 150ml Flask, with Spring Retainer | P8012 | Clamp for 96 Well Plate, S/S |

※S/S: Stainless Steel



Pneumatic Bar



Forced Air Convection



Tray and Clamps