

# Vertical Autoclave/Steam sterilizers IVA-1400



Vertical Autoclave/Steam sterilizers IVA-1400 are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilization. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available in 54 liters, chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-1400 is widely used for sterilization applications in laboratory, hospitals, and clinics as well as for industrial sterilization applications in biotechnology and pharmaceutical industries. Comes with sterilization cycle including solid cycle, Liquid cycle, Liquid with warming cycle, Agar cycle, Solid with drying (for D model), Customized cycle.

## Technical Specification:

|                                    |                   |
|------------------------------------|-------------------|
| Model                              | IVA-1400          |
| Capacity (liters)                  | 54L               |
| Operating Temperature (°C )        | 5 to 45°C         |
| Sterilisation Temperature (°C )    | 105-135°C         |
| Drying Temperature Range (°C )     | 80 to 140°C       |
| Working Pressure                   | 0.25Mpa           |
| Maximum Operating Pressure         | 0.3Mpa            |
| Sterilisation Timer                | 1 to 6000 minutes |
| Melting Timer                      | 1 to 6000 minutes |
| Drying Time                        | 1 to 300 minutes  |
| Stainless Wire Baskets             | 2x(300x200 mm)    |
| External Dimensions (w x d x h) mm | 460x542x1070 mm   |
| Power (W)                          | 2600 W            |
| Electrical Requirements            | 220V,16A?50/60HZ  |
| Catalogue No.                      | 580401502         |

## Technical Data:

| Model                     | IVA-1200                                                                                                            | IVA-1200D   | IVA-1400        | IVA-1400D   | IVA-1600         | IVA-1600D   | IVA-1800        | IVA-1800D   |
|---------------------------|---------------------------------------------------------------------------------------------------------------------|-------------|-----------------|-------------|------------------|-------------|-----------------|-------------|
| Difference                | Without Drying                                                                                                      | With Drying | Without Drying  | With Drying | Without Drying   | With Drying | Without Drying  | With Drying |
| Capacity                  | 36 L                                                                                                                |             | 54L             |             | 80 L             |             | 100 L           |             |
| Materials                 | SUS 304                                                                                                             |             |                 |             |                  |             |                 |             |
| Sterilization Cycle       | Solid cycle, Liquid cycle, Liquid with warming cycle, Agar cycle, Solid with drying (for D model), Customized cycle |             |                 |             |                  |             |                 |             |
| Temperature Accuracy      | 0.1?                                                                                                                |             |                 |             |                  |             |                 |             |
| Melting Temperature       | 60-100?                                                                                                             |             |                 |             |                  |             |                 |             |
| Melting Time              | 1 to 6000 minutes                                                                                                   |             |                 |             |                  |             |                 |             |
| Operating Pressure        | 0.25Mpa                                                                                                             |             |                 |             |                  |             |                 |             |
| Maximum Pressure          | 0.3Mpa                                                                                                              |             |                 |             |                  |             |                 |             |
| Steel Basket              | 2x(300x200 mm)                                                                                                      |             | 3x(300x200 mm)  |             | 2x(360x280 mm)   |             | 3x(360x220) mm  |             |
| Sterilization Temperature | 105-135?                                                                                                            |             |                 |             |                  |             |                 |             |
| Sterilization Time Range  | 1 to 6000 minutes                                                                                                   |             |                 |             |                  |             |                 |             |
| Drying Temperature        | 80 to 140?                                                                                                          |             |                 |             |                  |             |                 |             |
| Display                   | LCD                                                                                                                 |             |                 |             |                  |             |                 |             |
| Drying Time Range         | 1 to 300 minutes                                                                                                    |             |                 |             |                  |             |                 |             |
| Working Temperature       | 5 to 45?                                                                                                            |             |                 |             |                  |             |                 |             |
| Humidity                  | 10 to 85%                                                                                                           |             |                 |             |                  |             |                 |             |
| Certification             | -                                                                                                                   | -           | -               | -           | -                | -           | -               | -           |
| Storage                   | 60 cycles, record 1000 process                                                                                      |             |                 |             |                  |             |                 |             |
| Power Consumption         | 2300 W                                                                                                              |             | 2600 W          |             | 4600 W           |             | 4600 W          |             |
| Dimension                 | 460x542x1070 mm                                                                                                     |             | 460x542x1070 mm |             | 620x680x1100 mm  |             | 620x680x1200 mm |             |
| Net Weight                |                                                                                                                     |             |                 |             |                  |             |                 |             |
| Electrical Requirement    | 220V,16A?50/60HZ                                                                                                    |             |                 |             | 220V,32A?50/60HZ |             |                 |             |
| Catalogue No.             | 580400502                                                                                                           | 580401002   | 580401502       | 580402002   | 580402502        | 580403002   | 580403502       | 580404002   |



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