



**STERILIZERS – LABORATORY DRYING OVENS**

| TEMPERATURE CONTROL       |                 | TS 9026             | TS 9053             | TS 9135             | TS 9430             |
|---------------------------|-----------------|---------------------|---------------------|---------------------|---------------------|
| Variation                 | + / - °C        | 1                   | 1                   | 1                   | 1                   |
| Deviation (spatial)       | + / - %         | 1,5                 | 1,5                 | 1,5                 | 1,5                 |
| Readability / Setability  | °C              | 1                   | 1                   | 1                   | 1                   |
| Range                     | °C              | t <sub>b</sub> -250 | t <sub>b</sub> -250 | t <sub>b</sub> -250 | t <sub>b</sub> -250 |
| Sensor thermocouple "K"   |                 | Yes                 | Yes                 | Yes                 | Yes                 |
| Controller                |                 | PID                 | PID                 | PID                 | PID                 |
| Display                   |                 | LCD                 | LCD                 | LCD                 | LCD                 |
| <b>TIMER</b>              |                 |                     |                     |                     |                     |
| Standard hours/minutes    |                 | 99h/59m             | 99h/59m             | 99h/59m             | 99h/59m             |
| Real time program *       |                 | Yes                 | Yes                 | Yes                 | Yes                 |
| <b>SAFETY</b>             |                 |                     |                     |                     |                     |
| Alarm flashing / Acoustic |                 | Yes                 | Yes                 | Yes                 | Yes                 |
| Alarm limit settable      |                 | Yes                 | Yes                 | Yes                 | Yes                 |
| Automatic safety setting  |                 | Yes                 | Yes                 | Yes                 | Yes                 |
| <b>FEATURES</b>           |                 |                     |                     |                     |                     |
| Fan speed control         |                 | 1/10                | 1/10                | 1/10                | 1/10                |
| Exhaust valve             | mm              | 30 × 30             | 30 × 30             | 30 × 30             | 60 × 60             |
| Ventilation slide         | 0-100 %         | Yes                 | Yes                 | Yes                 | Yes                 |
| Data Port, Serial USB     |                 | Yes                 | Yes                 | Yes                 | Yes                 |
| Pot. free alarm output    |                 | Yes                 | Yes                 | Yes                 | Yes                 |
| <b>SHELVES</b>            |                 |                     |                     |                     |                     |
| Standard / Max            | pcs             | 2/7                 | 2/8                 | 3/16                | 3/23                |
| Dimensions W×D            | mm              | 346 × 235           | 434 × 325           | 534 × 325           | 602 × 570           |
| Max load pr shelf         | kg              | 20                  | 20                  | 20                  | 30                  |
| Permitted total load      | kg              | 50                  | 50                  | 70                  | 100                 |
| <b>HEATING</b>            |                 |                     |                     |                     |                     |
| Heating up time to 250 °C | mins            | 40                  | 50                  | 65                  | 20                  |
| Heat transfer at 250 °C   | W               | 400                 | 460                 | 710                 | 1500                |
| Air changes               | Hz              | 110                 | 50                  | 20                  | 60                  |
| <b>POWER</b>              |                 |                     |                     |                     |                     |
| Nominal Power             | W               | 930                 | 1430                | 1430                | 4600                |
| Nominal voltage           | V               | 230,1~              | 230,1~              | 230,1~              | 230/400,3~          |
| Frequency                 | Hz              | 50/60               | 50/60               | 50/60               | 50/60               |
| <b>DIMENSIONS</b>         |                 |                     |                     |                     |                     |
| Exterior W×D×H            | mm              | 490×480×500         | 580×575×550         | 680×675×750         | 753×845×1360        |
| Interior W×D×H            | mm              | 350×255×300         | 440×345×350         | 540×455×555         | 610×600×1180        |
| Volume                    | litres          | 26                  | 53                  | 135                 | 430                 |
| <b>WEIGHTS / VOLUME</b>   |                 |                     |                     |                     |                     |
| Net weight                | kg              | 20                  | 35                  | 52                  | 120                 |
| Shipping weight           | kg              | 25                  | 40                  | 60                  | 140                 |
| Shipping volume           | dm <sup>3</sup> | 0,21                | 350                 | 558                 | 1280                |

t<sub>b</sub> = 2°C ABOVE AMBIENT

\* CAN BE SET AT TWO TEMPERATURES, DAILY OR WEEKLY