

## HVP-50 SPECIFICATIONS

|                                     |  |
|-------------------------------------|--|
| <b>TEMPERATURE</b>                  |  |
| Operating Range                     | 105°C to 135°C   |
| Display Range                       | 5°C to 140°C   |
| <b>GAUGE PRESSURE</b>               |  |
| Operating Range (gauge)             | 3 to 28.4 psi (0.2 to 2.0 kg/cm <sup>2</sup> )   |
| <b>TIMER</b>                        |  |
| Sterilization                       | 1 to 250 minutes   |
| Drying                              | 1 to 90 minutes  |
| <b>DIMENSIONS</b>                   |  |
| Overall (W x D x H)                 | 20.1" x 24.8" x 40.9" (51 x 63 x 104) cm   |
| Chamber<br>(Diameter x Height)      | 50 liter<br>11.8" x 28" (30 cm x 71 cm)  |
| <b>SAFETY DEVICES</b>               | Temperature- and pressure-sensitive lid interlock, over-pressure power cutoff, over-temperature power cutoff, low-water power cutoff, mechanical pressure relief valve, lid-closure detector, over-current detector and circuit breaker with ground fault circuit interrupter. |
| <b>PROGRAMS</b>                     |  |
| 1. For solids with drying           | Heating and air removal from chamber by vacuum pump (pre-vac) -> Sterilization -> Water and steam exhaust (fast) -> Drying by heat and vacuum -> Completion  |
| 2. For wastes/solids without drying | Heating -> Pre-vac -> Sterilization -> Steam exhaust (fast) -> Completion  |
| 3. For liquids/agar                 | Heating -> Sterilization -> Auto steam exhaust (programmable rates, or ambient cooling w/o steam exhaust) -> Completion  |
| 4. Drying without sterilization     | Drying with heat and vacuum (time programmable) -> Completion(for additional drying after Program #1, if desired)  |
| <b>ACCESSORIES</b>                  |  |
| Stainless steel                     | Mesh wire baskets, buckets (pails), and round test tube racks  |
| Factory or field installed          | Data logger  |
| <b>POWER</b>                        |  |
| Source                              | 120V, 50/60 Hz, single phase (220V/240V available on request)  |
| Consumption                         | 2000 watts (2000 VA)   |
| <b>SHIPPING WEIGHT</b>              | 291 lb (133 kg)  |

**WARRANTY:** Autoclaves are protected by a 12-month warranty.