

TECHNICAL DATASHEET

| | GP 80 | GP 120 | GP 135 | GP 160 | GP 200 |
|---|--|----------------|----------|----------|-----------|
| Device / Chamber Width (mm) | 735/453 | 735/453 | 735/453 | 735/453 | 1735/453 |
| Device / Chamber Height (mm) | 1885/402 | 1885/402 | 1885/402 | 1885/402 | 1885/402 |
| Device / Chamber Depth (mm) | 1000/450 | 1000/700 | 1885/750 | 1885/890 | 1885/1120 |
| Weight (kg) | 330 | 350 | 380 | 400 | 440 |
| Effective Volume (L) | 81 | 126 | 135 | 160 | 200 |
| Power Consumption (kW) | 2.8 | 4.1 | 4.1 | 5.5 | 5.5 |
| Double Door | No | Yes (Optional) | | | |
| Chamber Shape | Rectangular Prism | | | | |
| Chamber Material | Aluminum | | | | |
| Trays | 2 (Stainless Steel / Aluminum) | | | | |
| Door | Automatic Sliding Doors with Safety Sensors | | | | |
| Foot-Operated Door Opening | Yes | | | | |
| Printer | Yes (Process Parameters / Date / Time / Error Messages / Service Info) | | | | |
| Data Storage | USB (Optional) | | | | |
| Touchscreen | 7" (10.4" Optional) / Siemens / Weintek / Kinco | | | | |
| RF Plasma | 500 W (Optional) | | | | |
| Electricity | 3-Phase, 380 V, 50/60 Hz, Cable 5x4 mm ² | | | | |
| Room Requirements | 10-40 °C, 20-75% RH, 60 cm from back, left, right sides; 100 cm from top | | | | |
| Sterilization Temperature | 45-50 °C | | | | |
| Sterilization Duration (min) | Nolumen E: 18 (Optional) / Nolumen: 27 / Standard: 45 / Intense: 57 | | | | |
| Number of Cycles per Cartridge | Nolumen E: 6 / Nolumen: 6 / Standard: 4 / Intense: 3 | | | | |
| Number of Capsules / Cartridge | 12, Independent | | | | |
| Chamber Ventilation | HEPA filter (Pore Size: 0.01 µm) | | | | |
| Plasma Position | On the top of the Chamber | | | | |
| Warming Time | ~15 minutes | | | | |
| Electronic Control | PLC / Siemens / Fatek / Kinco | | | | |
| Remote Access Diagnostics | Yes | | | | |
| User Access Levels | Operator / Supervisor / Service | | | | |
| Logo Colorization | Yes (Blue, Red, Green) / Remote Process Monitoring in the CSSD | | | | |
| Vacuum Pumps / Gauges | Leybold (Germany) / Ulvac (Japan) | | | | |
| Vacuum Pump Foreline Filter | Yes / Vacuum Pump Protection | | | | |
| Sterilization Agent | Hydrogen Peroxide (H ₂ O ₂) | | | | |
| H ₂ O ₂ Concentration | 59% (40% Optional) | | | | |
| H ₂ O ₂ Vapor Injection | 6 Different Positions / Homogenous Diffusion | | | | |
| By-Products | Water and Oxygen | | | | |



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