

MDS-600PL

Media Delivery System

The MDS-600PL is a mobile media delivery system that preheats, deaerates, and delivers dissolution media, including surfactant media, simultaneously to six vessels across most dissolution vendor platforms. Fully compliant with the USP, including the USP toolkit where dissolved oxygen should be below 6 ppm, the MDS systems comes standard with a programmable user interface, security, audit trail, methods, and printouts. The MDS-600PL is designed to save time, save space, save money, and reduce OOS non-conformances when compared to benchtop media prep stations or manual media preparation processes.



KEY FEATURES:

| FEATURES | MDS-600PL |
|---|--|
| Delivery volume accuracy | ± 1% |
| Deaeration performance | <6 ppm |
| Deaeration method: heating, high-speed circulation, vacuum filtration | Included |
| Vacuum filter cartridge (PE) | 45 µm |
| Temperature range | Ambient - 45 °C |
| Delivery temperature accuracy | ± 0.3 °C |
| Media tank capacity | 40 L |
| Ambient to 37 °C tank heat and deaeration time | <25 min. |
| Pre-saved delivery volumes | 250, 500, 750, 900, 1000 mL |
| Programable custom delivery volume | Included |
| Delivery time to dispense 1000 mL simultaneously into six vessels | <2 min. |
| Delivery volume method | Volumetric |
| Surfactant compatibility | Up to 2% SLS |
| Ability to deliver into (up to) six vessels simultaneously | Included |
| Tank dead volume | Zero |
| Ability to add additional media tanks | Yes |
| Mobile system with wheels | Included |
| Power cord length | 12 ft. |
| Handheld oxygen sensor | Included |
| User management | 100 users |
| Method storage | 20 |
| Embedded printer | Included |
| Printed report for date, time, media type, volume, temp. | Included |
| Product dimensions (cm) L x W x H | 105 x 40 x 150 |
| Power | 110 V AC, 50/60 Hz 220 V AC, 50/60 Hz |

ORDERING INFORMATION:

| Part Number | Description | Details |
|-------------|--|--|
| 600-9110 | MDS-600PL Media Delivery System, Mobile, 110 V | Includes oxygen sensor, 6-vessel delivery manifold, embedded printer |
| 600-9220 | MDS-600PL Media Delivery System, Mobile, 220 V | Includes oxygen sensor, 6-vessel delivery manifold, embedded printer |