

# Room Temperature Systems

## LPX44

### Plate Hotel

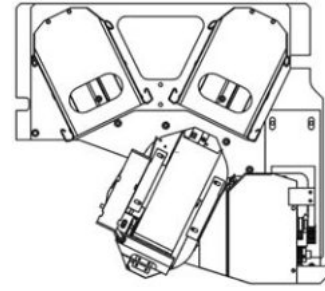
- Perfectly Suitable for Small Scale Integration
- Highly Miniaturized Applications
- Ideal for Laboratories with Room Constraints



# LPX44

## Stable and Precise Climate Conditions

The LPX44 is the smallest member of the LPX Plate Hotel family. Two stationary cassettes that can easily be removed are located between the lift mechanism. The transfer station is located opposite the cassettes. In addition to the z-axis, the lift mechanism has a rotation axis (turn movement) that turns the transport shovel facing one of the two cassettes or the transfer station.



| Basic Device |            |
|--------------|------------|
|              | Order Nr.  |
| LPX44        | 9147 00 00 |

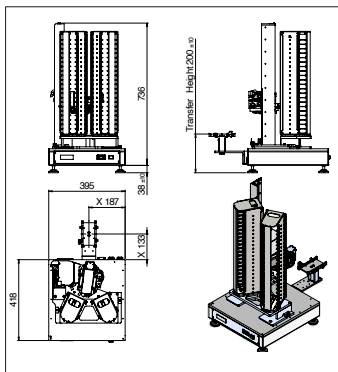
| Options  |            |
|--|------------|
|  | Order Nr.  |
| Bar Code Reader Option                                       | 9118 11 03 |
| Plate Presence Sensor  | 9121 00 62 |
| Plate overweight kit supports labware weight 300g up to 800g | 9118 13 83 |
| iMotion access speeds for time critical applications         | 9111 10 00 |
| Housing 1/2 Cover  | 9147 00 18 |
| Cover Protection with integrated Door for manual access      | 9147 00 19 |
| Shaking option, orbital, 1mm Amplitude 600rpm max.           | 9147 00 16 |
| Shaking option, orbital, 1mm Amplitude 1200rpm max.          | 9147 00 17 |
| Shaking option, orbital, 3mm Amplitude 600rpm max.           | 9147 00 35 |
| Shaking option, orbital, 6mm Amplitude 400rpm max.           | 9147 00 36 |
| Clear Access Door  | 9147 00 29 |

The LPX44's 44 MTP capacity makes it perfectly suitable for small scale integration and highly miniaturized applications. The LPX44 compact size makes it ideal for laboratories with room constraints.

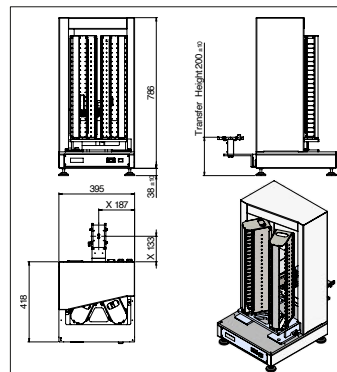
Various options like shaker, BCR, housings, and many accessories like various cassettes and transfer stations are available.

| Accessories  |            |
|--|------------|
|  | Order Nr.  |
| Standard MTP cassette, 22 levels, pitch=23mm                             | 9111 05 00 |
| Deep-well cassette, 10 levels, pitch=50mm                                | 9111 05 42 |
| Custom Size cassette, nn levels, mm pitch (specify plate height)         | 9118 12 31 |
| MTP cassette, 22 levels, pitch=23mm, all stainless steel                 | 9118 12 26 |
| Deep-well cassette, 10 levels, pitch=50mm, all stainless steel           | 9118 12 27 |
| Custom Size cassette, nn levels, mm pitch, all stainless steel           | 9118 12 33 |
| Standard Transfer Station with integrated plate detection sensor         | 9118 02 75 |
| 90 degree turn station, rotates plate from portrait to landscape         | 9111 11 21 |
| Swap transfer station with plate buffer function                         | 9118 11 00 |
| Slide transfer station for extended transfer reach motor up (170mm)      | 9111 12 28 |
| Slide transfer station for extended transfer reach (300mm)               | 9111 07 81 |
| Slide transfer station custom size (specify transfer reach 300 - 1000mm) | 9118 12 30 |

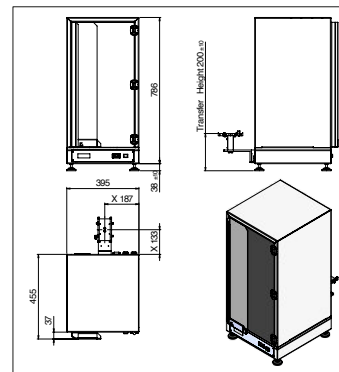
### Dimensions



x Position varies depending on handling adjustment within chamber



x Position varies depending on handling adjustment within chamber



x Position varies depending on handling adjustment within chamber

### Capacity

| Plate Type | Plate Height | Plate capacity of unit |
|------------|--------------|------------------------|
| NTP        | 5 mm         | 84                     |
|            | 11 mm        | 56                     |
| 1536       | 12 mm        | 54                     |
| MTP        | 17 mm        | 44                     |
|            | 22 mm        | 34                     |
|            | 23 mm        | 34                     |
|            | 24 mm        | 34                     |
|            | 27 mm        | 30                     |
| DWP        | 44 mm        | 20                     |
|            | 53 mm        | 16                     |
| DiTi200    | 66 mm        | 14                     |
| DiTi1000   | 104 mm       | 8                      |