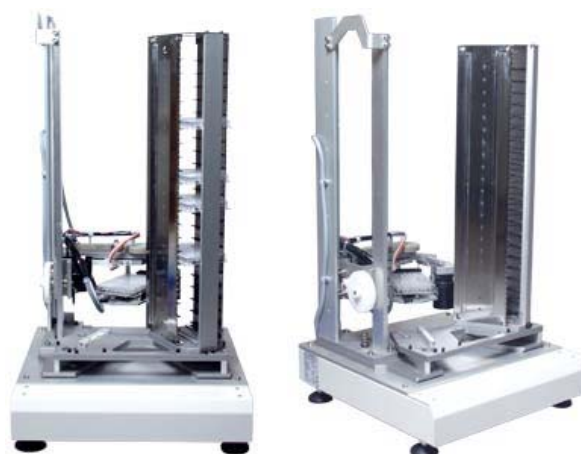


LPX44

Description

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 turn the transport shovel facing one of the two cassettes are facing the transfer-station.

The LPX44's 44 MTP capacity make it perfectly suitable for small scale integration, highly miniaturized applications. Its compact size makes it ideal for laboratories with room constraints. Various options like shaker, BCR, housings and more accessories like various cassettes and transfer stations are available. For details please refer to Options or Accessories.

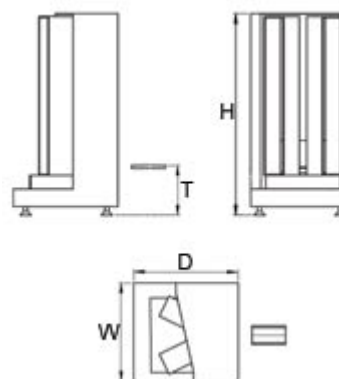


Capacity

Plate Type	Plate Height	Capacity
NTP (Nanotiter Plates)	5 mm	84
	11 mm	56
1536	12 mm	54
MTP (Microtiter Plates)	17 mm	44
	22 mm	34
	23 mm	34
	24 mm	34
	27 mm	30
DWP (Deep Well Plates)	44 mm	20
	53 mm	16
DiTi200	66 mm	14
DiTi1000	104 mm	8

Dimensions

(with option housing)



Width (W)	395 mm
Depth (D)	420 mm
Height (H)	800 * mm
Transfer Height (T)	200 mm

* add 20-35mm for feet

Specifications

General Specifications

Application	Plate Hotel	
Communication	RS232 V24, 9600Baud, ASCII	
User Software	OS	Win32 / Windows NT / Windows2000
Facility Requirements	100V / 50Hz; 115V / 60 Hz; Switchable	

Handling Specifications

Mean Access Time:	14.5 sec.
Mean Load Time:	14.5 sec.
Mean UnLoad Time:	14.5 sec.

Weight and Dimensions

Unit	Incl. Cassettes	Net Weight	Tare	Gross weight	Package	Dimensions cm (LxWxH)
LPX44	2	25 kg	24 kg	49 kg	Crate	57 x 59 x 96
LPX44 incl. Housing + Shaker	2	32 kg	25 kg	57 kg	Crate	57 x 59 x 96
LPX44 incl. Cover protection	2	30 kg	24 kg	54 kg	Crate	57 x 59 x 96

Options

	<i>Order Nr.</i>
Bar Code Reader Option	9118 11 03
Plate Presence Sensor / Optical detection of Plate in Cassette	9121 00 62
Access speed optimised for time critical applications	9111 10 00
Housing	9147 00 18
Cover Protection with integrated Door	9147 00 19
Shaker, orbital, 1mm Amplitude, 600 rpm max.	9147 00 16
Shaker, orbital, 1mm Amplitude, 1200 rpm max.	9147 00 17
Shaker, orbital, 3mm Amplitude, 600 rpm max.	9147 00 35
Shaker, orbital, 6mm Amplitude, 400 rpm max.	9147 00 36
UCI Universal Communication Interface	9118 11 17

Accessories

	<i>Order Nr.</i>
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	9118 12 33

Accessories

MTP cassette, 22 levels, pitch=23mm, all stainless steel for shaker	9121 00 83
Deep-well cassette, 10 levels, pitch=50mm, all stainless steel for shaker	9121 00 84
Custom size cassette, nn levels, mm pitch (specify plate height) all stainless steel f. shaker	9121 00 85
Standard Transfer Station integrated plate detection sensor	9118 02 75
Standard Transfer Station with integrated plate detection sensor and active alignment	9118 00 58
Turn Transfer Station	9118 00 59
Swap Transfer Station	9118 11 00
Slide Transfer Station for extended transfer reach Motor up (170mm)	9118 12 28
Slide Transfer Station for double extended transfer reach (300 mm)	9111 07 81
Custom Size Slide Transfer Station mm transfer reach (specify transfer reach 300-1000 mm)	9118 12 30
Parallel Transfer Station	9111 09 92
Lift Station	9111 10 32
Step Turn Station	9111 11 21
Step Slide Station	9111 11 30
Shuttle Transfer Station 90°, Custom Size (specify transfer reach up to 1000 mm)	9111 10 94
Slide Transfer Station Turn 90°, Custom Size (specify transfer reach up to 1000 mm)	9111 10 95
STX Driver	9118 12 48
STX Driver and Database	9600 00 01
STX GUI incl. STX Driver and Database	9600 00 02