

LPX440

Description

The LPX440 is optimised for larger capacity applications. The LPX440 offers high capacity while maintaining the same compact footprint of the LPX220. The LPX440 is ideal for high throughput labs with space constraints. For comfortable operations the LPX440 is available in Double Decker configuration having two carousel decks with two times ten standard 540mm cassettes resulting 440 MTP capacity. Like the LPX220, the LPX440 can be integrated in four different orientations. Left, right back and side access is made possible by one single system.

The newly developed handling with higher speeds is used in the LPX440.

The use of a spring balanced lift mechanism instead of counter weight optimised speed and reliability of the instrument. The LPX440 with 440 MTP capacity makes it perfectly suitable for large integrations. Its compact size and its high capacity makes it also ideal for mixed plates applications. Various options like shaker, BCR, housings and more accessories like various cassettes and transfer stations are available.

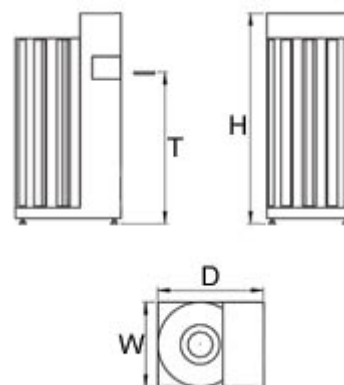


Capacity

Plate Type	Plate Height	Capacity
NTP (Nanotiter Plates)	5 mm	840
	11 mm	560
	1536	540
MTP (Microtiter Plates)	17 mm	440
	22 mm	340
	23 mm	340
	24 mm	340
	27 mm	300
DWP (Deep Well Plates)	44 mm	200
	53 mm	160
DiTi200	66 mm	140
DiTi1000	104 mm	80

Dimensions

(with option housing)



Width (W)	560 mm
Depth (D)	700 mm
Height (H)	1356 * mm
Transfer Height (T)	1000 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 / 60Hz; 230V / 50 Hz; Switchable

Handling Specifications

Mean Access Time:	18.0 sec.
Mean Load Time:	14.6 sec.
Mean UnLoad Time:	21.4 sec.

Weight and Dimensions

Unit	Incl. Cassettes	Net Weight	Tare	Gross weight	Package	Dimensions cm (LxWxH)
LPX440	10/15	-	-	200 kg	Crate	87 x 87 x 200
LPX440 incl. Cover protection	20	138.3 kg	74 kg	212 kg	Crate	86 x 86 x 160

Options

	<i>Order Nr.</i>
Transfer Station Location Case A	9144 00 88
Transfer Station Location Case B	9144 00 89
Transfer Station Location Case D	9144 00 94
Transfer Station Location Case E	9144 00 95
Transfer Station Location Case F	9144 00 96
Transfer Station Location Case G	9144 00 97
Transfer Station Location Case H	9144 00 98
Bar Code Reader Option	9122 06 03
Plate Presence Sensor / Optical detection of Plate in Cassette	9121 00 62
Disposal Tips upgrade kit up to 100 mm height	9118 12 23
Fast access for time critical applications	9122 06 04
Linear Shaker / Probe agitation for cell and compounds solution Amplitude 1-100mm, 12-300 rpm	9144 00 60
Housing / ½ Cover	9144 00 57
Housing, Cover Protection with integrated Door	9144 00 58
UCI Universal Communication Interface	9118 11 17

Accessories

	<i>Order Nr.</i>
Standard MTP cassettes, 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 (specify plate height) all stainless steel	9118 12 33
Standard Transfer Station with integrated plate detection sensor	9118 00 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 (170 mm)	9118 12 28
Slide Transfer Station for double extended reach (300 mm)	9111 07 81
Custom Size Transfer Station mm transfer reach (specify transfer reach 300-1000mm)	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 Turn 90°, Custom Size (specify transfer reach up to 1000 mm)	9111 10 94
Slide Transfer Station 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