LPX880

Description

The LPX880 is optimized for larger capacity applications. The LPX880 is ideal for high throughput labs with space constraints. For comfortable operation the LPX880 is available in Double Decker configuration having two carrousel decks with tow times ten standard 540mm cassettes resulting 880 MTP capacity.

The newly developed handling with higher speeds in used in the LPX880.

The LPX880 with 880 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 BCR, housings and more accessories like various cassettes and transfer stations are available. For details please refer to Options or Accessories.
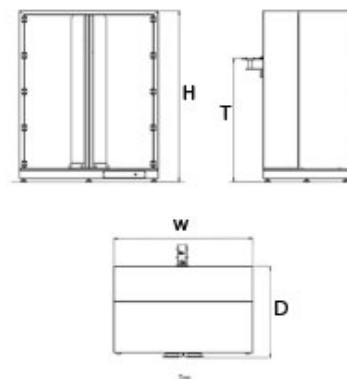
Capacity

Plate Type	Plate Height	Capacity
NTP (Nanotiter Plates)	5 mm	1680
	11 mm	1120
1536	12 mm	880
MTP (Microtiter Plates)	17 mm	680
	22 mm	680
	23 mm	680
	24 mm	680
	27 mm	600
DWP (Deep Well Plates)	44 mm	400
	53 mm	320
DiTi200	66 mm	280
DiTi1000	104 mm	160

Dimensions

(with option Cover Protection)

Width (W)	1120 mm
Depth (D)	737 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 / Windows XP
Facility Requirements		100V / 50Hz; 115V / 60Hz; 230V / 50 Hz; Switchable

Options

	Order Nr.
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
Housing / ½ Cover	9159 00 33
Housing, Cover Protection with integrated Door	9159 00 32
UCI Universal Communication Interface	9118 11 17

Accessories

	Order Nr.
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