



PVL1834N



PVL1522S

研究設備などに適した片開き型 (Sシリーズ) と、大型機種や自動ラインに適した4本ポール型 (Nシリーズ) をラインアップ。高性能真空システムとPID制御による優れた温度コントロールにより、高速で安定したラミネート加工を実現します。

Two types of Laminator are available: the single-side-hinged type (S series) suitable for research facilities and the four pole type (N series) suitable for large modules in high production and automated systems.

The high throughput vacuum system and temperature control by PID deliver high-speed and stable lamination.

■ ワンタッチ・クランプ (特許取得済) / Quick Clamping system (Patented)

ラミネータの大型化に伴い、ダイヤフラムの交換作業は、たいへんな労力を要します。日清紡メカトロニクスは、ワンタッチ・クランプを開発し、ダイヤフラムの交換を非常に容易なものにしました。さらに、ダイヤフラムは、ボルトなどによる固定式でないため、ダイヤフラムに空けた穴による破断ありません。

As laminator size increases, membrane size increases, too. It is a tough job to replace a membrane weighing over 40 kg (in the case of PVL1834N). Nisshinbo developed a quick clamping system (Japan: Patent obtained; China: Utility Model right obtained), making a membrane readily replaceable. In addition, the membrane is not fixed by bolts, etc., and is free of any breakage caused by fixing holes.

PVL0202S



Module Laminator

Model	PVL1522S	PVL1522N	PVL1537N	PVL1722N	PVL1734N	PVL1834N	PVL2345N
Effective Lamination Area (mm)	1500 x 2200		1450 x 3650	1700 x 2200	1700 x 3400	1800 x 3400	2300 x 4500
Maximam Module Thickness (mm)	15 (Optional: 35)						20
Vacuum System	Pressure: 1Torr (133Pa), Vacuum Speed: within 120 seconds to reach 1Torr (133Pa)						
Temperature Control	Temperature: up to 180℃ within 30 minutes, Uniformity: ±2℃ at 150℃ with no load						
Press System	Pressure: Adjustable, between 0 and 1 atmosphere, Press Speed: 3 steps, adjustable (manual)						
Cooling System	Water cooling (Optional)						
Module Lift-up pin	Optional						
Electricity: AC200V ±10%, 3Ph	AC200V ±10%, 50/60Hz						
	150A	200A	300A	180A	300A		500A
Equipment Dimension D x W x H (m)	2.8 x 2.82 x 2.4	2.8 x 8.5 x 1.85	2.9 x 12.8 x 2.1	3.0 x 8.5 x 1.8	2.9 x 11.9 x 2.1	3.1 x 11.9 x 1.8	5.9 x 10.6 x 2.0
Weight, NET (kg)	3100		6800	4500	6500		15000
Automatic Loading / Unloading System	Optional	Standard					

Compact Laminator

Model	PVL0202S	PVL0303S	PVL0505S
Effective Lamination Area (mm)	220 x 220	320 x 320	500 x 500
Maximum Module Thickness (mm)	19		39
Vacuum System	Pressure: 1Torr (133Pa), Vacuum Speed: within 60 seconds to reach 1Torr (133Pa)		
Temperature Control	Temperature: up to 180°C Uniformity: ±3%		
Press System	Pressure: Adjustable, between 0 and 1 atmosphere		
Electricity	AC100V ±10%, 50/60Hz, Single Ph		AC200V ±10%, 50/60Hz, 3Ph
Equipment Dimension D x W x H (m)	0.48 x 0.37 x 0.22	0.94 x 0.80 x 0.22	0.94 x 0.92 x 1.13
Weight, NET (kg)	30	50	520