



Powered by **SMART MATERIAL FLOW**

Neo Light series

Smart SMT component storage rack

NEO LIGHT



YOUR SMT STORAGE SOLUTION

Neo Light PTL utilizes Pick to Light technology to enhance the accuracy and efficiency for SMT material management. Operators can pick, sort, retrieve and store reels, guided by light guiding of different color. Integrated with user software system, Neo Light can realize work order driven picking and material replenishment. Multiple colors on the shelves work for multi work orders.

Neo Light system provides a complete management of SMT materials, e.g. 7-15 inch reel, PCB and TRAY, storing up to 1400 reel per rack.

Neo Light complies with industry ESD standards like ANSI/ESD S20.20:2014 standard.

NL:NEO LIGHT

Neo Light standard, help operators with the light guiding for SMT material process including: Kitting, Replenishment, Splicing, Picking,etc

NLP: NEO LIGHT PLUS

NLP is additionally equipped with position sensor. It can sensor material's position and update inventory information of SMT materials picking and putting.

NLS: NEO LIGHT STENCIL

NLS series is designed for SMT stencil storage. During the Pick-to-Light process, operators can simply select the stencil number and pick up the stencil with the lighting. If take the wrong stencil, you will be alerted.





NLB: NEO LIGHT PCB

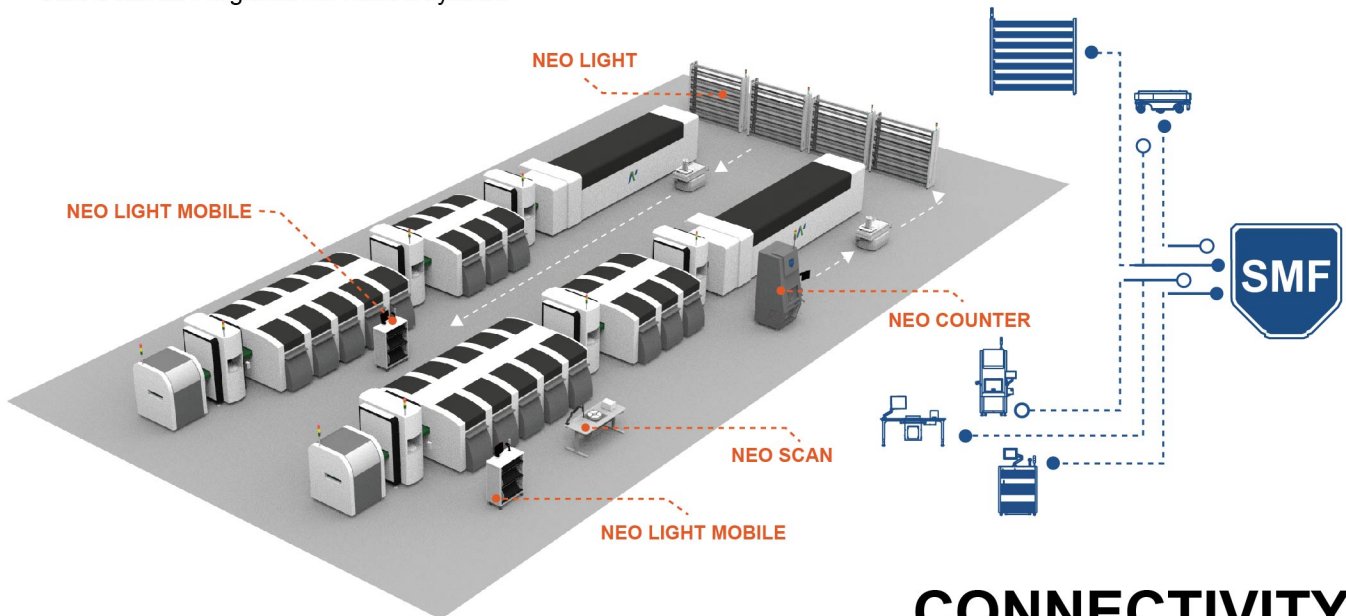
NLB series is designed for PCB storage. PCB location can be customized for operator. Neotel can also provide a retrofit solution for installation on the user's existing racks. In that case, users only need to have the lighting bar and controller to improve PCB storage.

NLM: NEO LIGHT MOBILE

The mobility design of NLM series, is convenient to manage materials in SMT production facility. Equipped with Wifi system, the material information will be updated in real time. NLMP is working with position sensor to better material control.

POWERED BY SMF

Neo Light is powered by SMF software. SMF: Smart Material Flow is the software suite from Neotel Technology for controlling and automate electronics materials. SMF system can help users to realize the intelligent and process control of electronic materials. And it can be integrated with user's system.



CONNECTIVITY

SMF (Smart Material Flow) software provides Connectivity module to users who wish to integrate Neotel product into own IT system. We have varied ways for system integration.

TECHNICAL SPECIFICATION

	NL PTL	NLP	NLM	NLMP	NLS	NLB
Material Type	Reel	Reel	Reel	Reel	Stencil	PCB
Control Type	Light	Light +sensor	Light	Light +sensor	Light+ sensor	Light
QR Code	Standard	No	Standard	No	No	No
Max Capacity	1400	1400	240	240	90	24
Work Order Color	Yes	Yes	Yes	Yes	Yes	Yes
LAN	Yes	Yes	Yes	Yes	Yes	Yes
WiFi	Yes	Yes	Yes	Yes	Yes	Yes
Touch Screen	Option	Option	Option	Option	Option	Option
Battery	No	No	Option	Option	Option	Option
AGV	No	No	Yes	Yes	No	No



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