

# MULTI-FUNCTIONAL ALS LABELING SYSTEMS

Industrial labeling systems for applying labels to products that increase brand awareness and enhance shelf appearance.

## MULTI-FUNCTIONAL INDUSTRIAL LABELING SYSTEMS

ALS Labeling Systems can be configured to fit virtually any industrial labeling challenge. Whether it's applying at high or low application speed, using small or wide labels or working in wet or dry environments, we have the right solution in our reliable, durable ALS 104, 204, 206 and 256 series label systems.

## RECOMMENDED LABELING APPLICATIONS

- Product
- Decorative
- Canned Goods
- Hygiene
- Household Goods
- Electronics
- Shipping
- Cosmetics
- Food and Beverage

## FAST AND FLEXIBLE

- Combine extreme robustness with high-performance
- Configured for demanding performance in continuous operation, 24 hours a day, 7 days a week
- Modular concept for easy integration into a unit in your existing system in exchange for another
- Features bottom, side and top labeling with three different fixing options
- Dispensing edge can be rotated by up to 90° for even greater flexibility

## OPTION KIT MAKES ALS FAMILY PERFECT FOR MULTIPLE ENVIRONMENTS

IP 65 kits provide protection for the applicators and facilitate easy cleaning, which is particularly important in the food industry. With the addition of the IP65 kit, the ALS family can also be used in humid or dusty environments.

## MORE INFORMATION

To learn more about our Multi-functional ALS labeling systems or to receive complete warranty information as well as other terms and conditions, please contact your NOVEXX Solutions representative, e-mail to [printers@novexx.com](mailto:printers@novexx.com) or visit our website at [www.novexx.com](http://www.novexx.com).



# MULTI-FUNCTIONAL ALS LABELING SYSTEMS

## SPECIFICATIONS - ALS 104 RH/LH

Dispensing speed up to	Up to 30 m/min	
Labels	Material	Self-adhesive label with liner; inside/outside winding possible
	Label roll diameter unwinder	up to 300mm
	Backing paper roll diameter rewinder	up to 200mm
	Core diameter	1.5"/3"/4"
	Material width incl. backing paper	10 – 110mm
	Label length	5 - 600mm
Label stop accuracy	At dispensing edge	+/- 0.5mm at fixed speed; +/- 1.0mm at variable speed
Electronics	Card slots	none
	Control panel	Graphical display, 128 x 32 dots, two lines, five push buttons
Data Interfaces	Serial	1x RS232
	Ethernet	none
	USB	none
	Remote display	1x RS422 (Mini-DIN 6)
PLC Interfaces	Opto-isolated	Sub-D15
	Output	3X PNP, 24V
	Input	none
	Parallel function to PNP-output	optional on 8 pin M12 connector: PNP/NPN, 24V
External sensor interfaces	Opto-isolated	4-pin M12 connectors
	Label sensor	OPT242-P800 sensor
	Alternative sensor	PNP/NPN, 24V
	Product sensor/APSF sensor/OD sensor	PNP/NPN, 24V
Status messages	Status messages/Test functions:	No gap found/missing labels count
Test functions		Automatic diagnosis after powering on
IP-protection	Class	Standard 21, optional IP65
Noise	Max.	< 70 dB [A]
Dimensions/Environment	H x W x D [mm]	492 x 488 x 371
	Weight	33 kg
	Mains voltage	115V (AC) at 60 Hz power frequency; 230 V (AC) at 50 Hz power frequency
	Operating temperature	5-40 °C
	Humidity	30 to 85% non-condensing
	Qualifications	CE, TUV/GS, FCC, CCC, GOST, NRTL [US/CA]
Label positions		top/side/bottom; direct apply
Options	L-shape dispensing edge, V-shape dispensing edge, external OD sensor, external remote control display, IP 65 kit, rotary encoder for APSF (automatic product speed follower)	

# MULTI-FUNCTIONAL ALS LABELING SYSTEMS

SPECIFICATIONS		ALS 204 RH/LH	ALS 206 RH/LH	ALS 256 RH/LH
Dispensing speed up to		40m/min	30m/min	50m/min
Labels	Material	self-adhesive label with liner; inside/outside winding possible		
	Label roll diameter unwinder	up to 300mm		
	Backing paper roll diameter rewinder	up to 200mm		
	Core diameter	1.5"/3"/4"		
	Material width incl. backing paper	10-110mm	10-160mm	10-160mm
	Label length	5-600mm		
Label stop accuracy	At dispensing edge	+/-0.5 mm at fixed speed; +/-1.0 mm at variable speed		
Electronics	Card slots	Slot for one SD-card		
	Control panel	Graphical display 128 x 32 dots, 2 lines, 5 push buttons		
Data Interfaces	Serial	1x RS232C, D-Sub 9, max. 115200 Baud		
	Ethernet	1x 10/100 Base T/TX RJ45		
	USB	1x device, 1x host		
	Remote display	1x RS485 (mini-DIN 6)		
	Internal interfaces	Applicator interface (optional)		
PLC Interfaces	Opto-isolated	Sub D15 or optional two 8-pin M12		
	Output	4x PNP, 24 V, max. 500mA/Output		
	Input	3x PNP/NPN, 24 V		
External sensor interfaces:	Opto-isolated	4-pin M12 connector		
	Label sensor	Optical Label sensor		
	Alternative sensors	PNP/NPN, 24 V		
	Product sensors/APSF sensor/OD sensor	PNP/NPN, 24 V		
Status messages	Dispensing stops, when	1. Label stock ends or 2. Missing label counter is exceeded or 3. No gap found		
Test functions:		Automatic diagnosis after powering on		
IP-protection	Class	Standard 21, option 65		Standard 21
Noise:	Max.	< 70 dB [A]		

# MULTI-FUNCTIONAL ALS LABELING SYSTEMS

SPECIFICATIONS		ALS 204 RH/LH	ALS 206 RH/LH	ALS 256 RH/LH
Dimension/ Environment	H x W x D [mm]	492 x 488 x 371	492 x 488 x 402	492 x 488 x 402
	Weight	36 kg	36 kg	40 kg
	Mains voltage/power consumption	115V (AC) at 60 Hz power frequency; 230 V (AC) at 50 Hz power frequency		100-240 V (AC) at 60/50 Hz power frequency
	Operating temperature	5-40°C		
	Humidity	30-85%, not condensing		
	Qualification	CE, TUV/GS, FCC, CCC, GOST, NRTL [US/CA]		
Labeling positions	Input	Top/side/bottom. Direct apply or by use of applicator		
Options	L-shape dispensing edge, V-shape [ALS 204 only] dispensing edge, external OD sensor, different sensors and applicators, external remote control display, Tandem function, Applicator Interface, IP 65 kit (for ALS 204 and ALS 206), adjustable fixture for L-shape, rotary encoder for APSF (automatic product speed follower)			

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