Product specifications

● Design Position Control System □ P □

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Model	NIP100	NIC100
Power supply	DC24 V (2 A)	DC24V (1 A), supplied by the NIP100
Light source	-	High brightness color LED (white)
Imaging element	_	CCD area sensor (VGA W640 x H480)

Automatic Register Control System MR5500 / MR5500S

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Web speed	10 to 500 m/min.	Cylinder size	200 to 2000 mm
No. of channels 2 to 12 channels (8-channel system is standard)		tem is standard)	
Controller power supply	 Power supply voltages: AC 100 Power supply frequency: 50/6 Power consumption: 1.1 kW 		V, switchable via the internal tap
Motor power supply	Power supply for the compensator and side-lay motors Maximum usable voltage: 240 V AC Internal breaker: 15 A		
Options	Remote control panel • AC servo motor • Initial register control Change gear • 2-unit split		gister control
Sensor	Optical fiber (halogen)		

Automatic Register Control System MR101

Web speed	10 to 500 m/min.	Cylinder size	200 to 2000 mm
No. of channels	unnels 1 to 12 channels		
Controller power supply	Power supply voltage: AC100 to 220 V ±10% Power supply frequency: 50/60 Hz Power consumption: 100 VA/per controller		
Sensor	Scanning head (LED)		

● Print Quality Inspection System **BCON**5000

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Inspection width	1200 mm (when 2 cameras are used) with a maximum width of 1999 mm (when 4 cameras are used)
Plate cylinder circumference range	Max. 2000 mm; Min. 100 mm
Power supply	AC 100V/AC 200V ±10% (50/60 Hz)
Power consumption	2.0 kVA (single-sided specifications), 3.0 kVA (double-sided specifications) Illumination LED
Camera pixels	4096 (3-line sensor camera), 2048 (3CCD camera)

● Print Quality Inspection System **BCON**3500

Inspection width	1200 mm (when 2 cameras are used) with a maximum width of 1999 mm		
Plate cylinder circumference range	Max. 2000 mm	Illumination	LED
Power supply	AC 200 V $\pm5\%$ (50/60 Hz)	Power consumption	2.0 kVA
Camera nixels	4096 (3-line sensor camera)		

• Defect Inspection System for Plain Surfaces Mujikent

No. of cameras	Max. 128
Input systems	Max. 8
Camera pixels	16384, 8192, 4096, 2048

● Defect Inspection System for Plain Surfaces Mujiken* TypeS

Solder inoposition system for Figure Surfaces				
No. of cameras	Max. 8	Monitors	Supports 1 or 2 monitors	
_	Other specifications conform to those of the Mujiken+.			

Ultrasonic Autowide Sensor UHW Series

Model	UHW051	UHW280	UHW500	UHW700
Power supply	DC15 V (12 to 18 V)			
Detection field of view	56 mm	280 mm	504 mm	728 mm

Photohead

Model	PH16B
Distance between projector and receiver	28 mm
Effective detection length	±4 mm
Light source	LED

Ultrasonic Sensor

Model	UH01
Distance between projector and receiver	48 mm
Effective detection length	8 mm
DC power supply	+15 VDC/100 mA, -15 VDC/50 mA

Litequide Controller

Model	AE1000	AE500	AE120/AE122
Power supply voltage	AC100 to 240 V 50/60 Hz ± 10%	DC+24 V	AC100 to 240 V (switches voltage automatically)
Power consumption	300 VA (inrush current 50 A 5 ms type (200 V))	4 A (peak response considered to be 6 A and approx. 50 msec.)	100 VA (Note)

(Note) If a breaker or other device is installed externally, please set the breaker capacity to at least 4 A, taking into account the

● Tension Controller TC920V

Power supply voltage	AC100 to 240 V 50/60 Hz
Power consumption	300 VA (inrush current 60 A type (20 ms))
Current capacity	1.5 A (200 V)

●Tension Meter TM340/TM310T

Power supply voltage	DC: DC24 V/AC: AC100 to 240 V 50/60 Hz 300 VA			
Power consumption	25 VA	Detector power supply	+6 V, ±15 V	

MB Tension Sensors

Model	MB05B	MB05A	MB11B	MB11A
Rated tension (N)	100	200	100	200
Roller displacement (nm/N)	2.42	1.20	2.80	1.38
Allowable roller mass (kg)	10	20	10	20

MJ Tension Sensors

Model	MJ050	MJ200	MJ500	MJ1000
Rated tension (N)	50	200	500	1000
Roller displacement (nm/N)	0.36	0.12	0.05	0.03
Allowable roller load (N)	200	200	500	1000

CJ Tension Sensors

Inquiries to:

Model	CJ200	CJ500	CJ1000
Rated tension (N)	200	500	1000
Roller displacement (nm/N)	0.12	0.06	0.035
Allowable roller load (N)	200	500	1000

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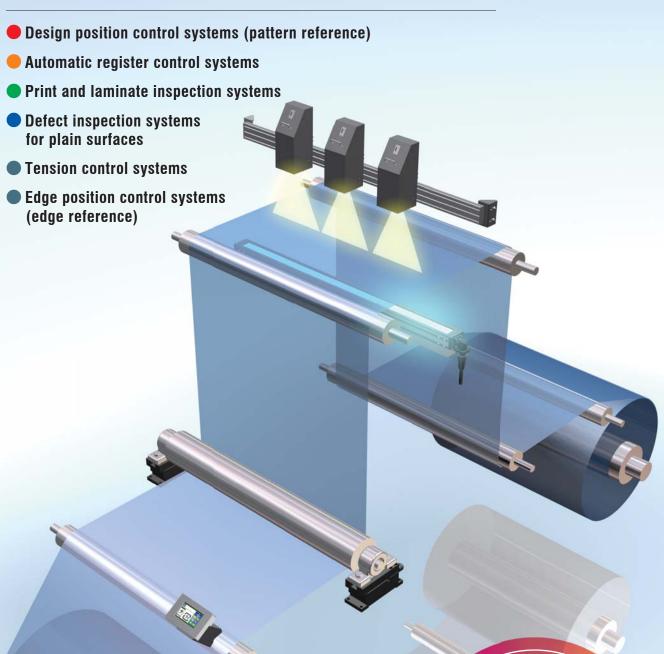
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Nireco's Web Handling Control and Quality Control

- Edge position control systems (edge reference)



Safe and accurate web handling control and quality control through our comprehensive technologies

NIRECO

Nireco technologies achieve safe and accurate web handling control and quality control

