

# LYRA E



## LYRA E Intelligent Digital Print-on Dyeing machine

### Intelligent and Flexible

Generate adjacent colour cards with one click and perform fast colour tracing  
Enables flexible and low-cost production of small batches and multiple colors

### Energy-saving and Environmentally Friendly

Automatic constant temperature ink recirculation  
Enhanced intelligent water-saving belt cleaning system  
Energy saving, low carbon emission, low water consumption

### Accurate and Reproducible Colors

12 colors channels, larger color gamut  
Enhanced color management system for print-on dyeing  
Ensure color saturation, consistency and stability on both sides of the fabric

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Focusing on textile industry for 32 years, Atexco will be with you forever.

# LYRA E Specification

Model		LYRA E1	LYRA E4
Printing Technology		Micro-piezoelectric variable drop size digital print-on dyeing technology	
Printhead Quantity		24	48
Max.Printing Width		1820 mm	
Print head		Kyocera 600dpi Industrial-grade Printhead	
Ink System	Ink Type	Reactive/Acid	
	Ink Colors	Reactive: C M Y K O B R GR NY BR DA	
		Acid: C M Y K O B R LM LK NY MF YF DA	
Applicable Fabric		Cotton, linen, silk, wool, nylon and other cellulous woven and knitted fabrics	
Color Configuration		12 colors 2 rows	12 colors 4 rows
Printing Modes (The options of printing modes are up to different designs)	Fabric Width	1.5 m	
	Speed Mode (600 3 Pass)	100 m/h	220 m/h
	Normal mode (600 4 Pass)	75 m/h	160 m/h
	Quality mode (600 6 Pass)	50 m/h	110 m/h
Environment	Humidity	55%–70%	
	Temperature	20°C–30°C	
Printer features		Ink Cooling System for Long Printhead Lifetime Multiple Belt Cleaning with Wiper, Sponge Roller & Brush Roller Built-in Fabric Centering System for Woven & Knitted Fabric Auto Feeding Ink Mist Filtering System for Long Print Heads & Electrical Parts Lifetime	
Operation Interface		Touching Screens in Front and Rear of the Printer	
Computer System		WIN10 Recommended Configuration of I7-12700 / 64G / 1T / 64-bit + 2TB SSD	
Dryer (Optional)		Single & double chamber super dryer heated by electricity, steam, gas or thermal oil	
Interface		10000MB Optical Fiber	
Software		Print-on Dyeing RIP	
Image Format		File Format: JPEG/TIF/BMP; Color Format: RGB/CMYK	
Language		Chinese/English	
Power Supply		AC380V(3 Phase/5 Wires), 50 HZ/60 HZ	
Compressed Air		Air flow≥0.6m <sup>3</sup> /min, Pressure≥8kg	
Power Consumption		10kW	20kW
Printer Installation Size and Weight		5610*2750*2250mm/4000kg	6200*3260*2250mm/4500kg

Above parameters may have ±10% error. Subject to the actual production data.  
The parameters above are subject to change without notice.  
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