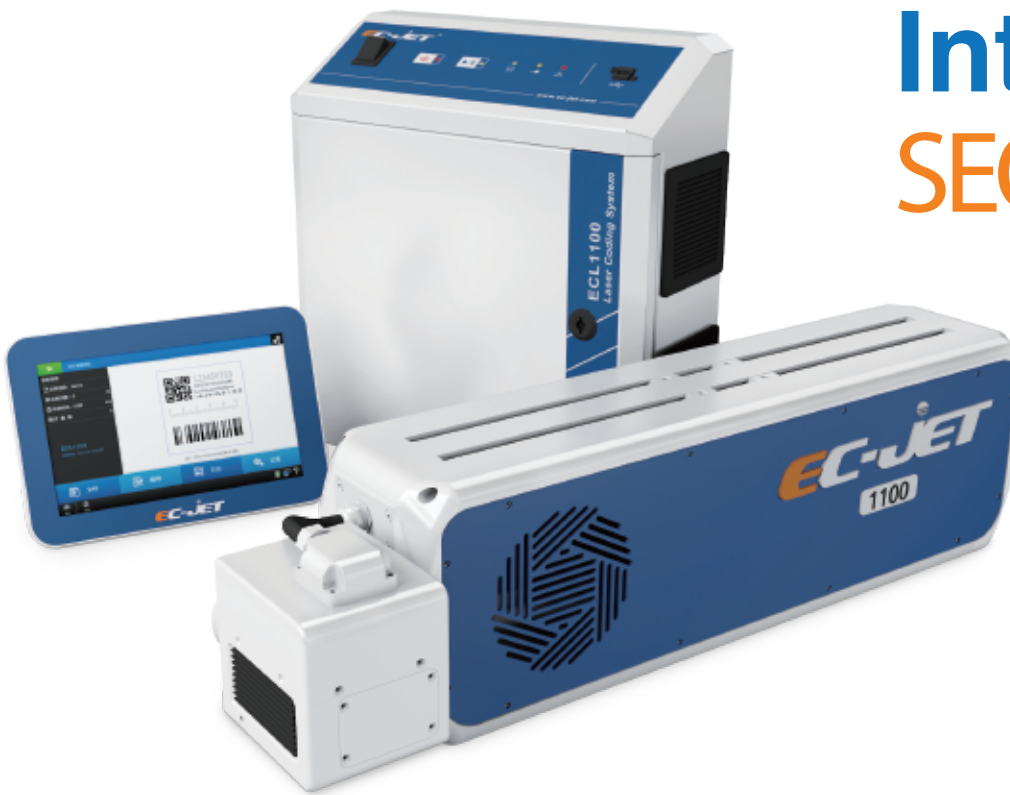


# **ECL1100**

## **CO2 Laser Coding System**

**PHARMAPACK**



# Intelligent SEQ Technology

## ECL1100 SERIES

CO2 Laser Coding System



The ECL1100 series laser coding system includes models of ECL1110, ECL1130 and ECL1160, with features of compact structure, modular design, high quality permanent marking and diverse applications, which can meet the application requirements of different production lines.



10.1 inch  
Color Touchscreen



HDPE High Contrast



Internet



Unique SEQ Operating  
System



- Ease of use
- Compact structure



- Large size color touchscreen
- Simple graphical user interface
- Fast, convenient and intuitive message editing and marking setting



- Modular design
- Easy to install
- Flexible mounting stander, can be adjusted and moved to adapt to your production line
- Easy operation, make it fast and accurate to set the laser focal distance



- Built-in internet server, can achieve the remote control and network communication



Liquid carton



Pipes



Cables



Beverages



Boards

# More...



## Stable

Optional IP65 rating laser head, make sure the coder can work stably in harsh environment.



## High speed

Excellent marking speed and quality  
High quality and permanent coding under high line speed



## Reliable

No hard disk or UPS needed  
No need PC as independent operating system, making the system more stable  
The user data will not lose when emergency power off or non-planned shutdown.



## Safe

Multi-level password protection



## Environment friendly

None consumable and no pollution to environment

Model	ECL1110	ECL1130	ECL1160
Laser Type	CO2 laser		
Laser Wave Length	10.6um(10.2um,9.3um optional)		
Laser Power	10W	30W	60W
Marking Features			
Marking speed *	900	1300	1800
Linear speed *	180m/min	300m/min	500m/min
Marking lines	Unlimited		
Character Height	0.8mm-within marking area		
Fonts	Over 26 types of fonts, support customer design and multi-language		
Barcode Type	1D barcode,2D barcode		
Graphic Format	BMP/DXF/HPGL/JPEG		
Text Type	Point, Line,Arc,Rectangle, Polygon, Ellipse, Circle		
Variate	Serial number,Text,Date,Time,Counter, Shift code		
Marking Area	50*50mm,70*70mm,110*110mm,140*140mm,175*175mm,210*210mm		
Focal Distance	75mm,100mm,150mm,200mm,250mm,300mm		
User Interface	10.1 inch touch screen, QWERTY or AZERTY virtual keyboard,Shortcut icon-guided operation, Help-online, Muti-language support, Support Ethernet remote PC operation and networking		
Material	Laser head: Stainless steel + anodised aluminium; Control cabinet:Stainless steel		
Input & Output			
Product detect input	NPN/PNP/24V-detector; Shaft encoder or Synchronized signal		
Singal Input/Output	Start up/Stop/Interlock; Status indication/Fume extraction control/Cooling control/Remote control		
Interfaces	RS-232,Ethernet(10/100Mbit),USB port		
Power Supply	90-264V AC,47-63Hz,1000W/1300W(ECL1160)		
Cooling System	Air cooling		
Operating Tempera- ture & Humidity	5-40 ℃, 10%-90%RH,non-condensing		
Protective Grade	IP55,optional IP65		
Optional	Infrared aiming beam,Infrared focusing beam,Network and remote control software(TCP/IP),USB backup, Mounting stander Kit,Fume extractor		

\* Marking speed and linear speed are substrate and code dependent



Continuous Ink-Jet Printer



Large Character Ink-jet Printer



High-resolution Inkjet Printer



Thermal Transfer  
Over-printing Printer



Consumable



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