



# **ECL6100**

## **Fiber Laser Coding System**

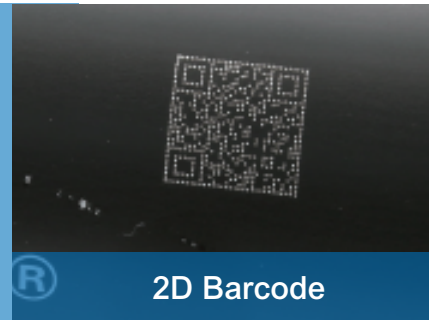
**PHARMAPACK**



**Intelligent**  
**SEQ** Technology

# ECL6100 SERIES

Fiber Laser Coding System



2D Barcode

The ECL6100 series laser coding system includes models of ECL6120, ECL6130 and ECL6150, 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



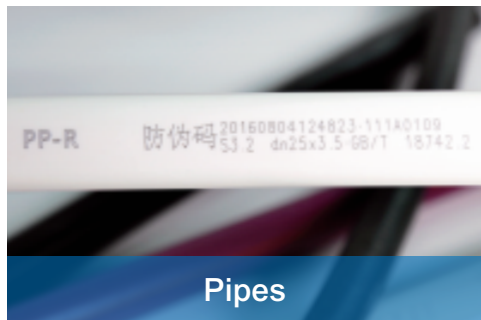
- Modular design
- Easy to install
- Flexible mounting stander, can be adjusted and moved to adapt to your production line
- Easy operation, make it fast and accurate to set the laser focal distance



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



Liquid carton



Pipes



Cables



Beverages



Metal

# More...



## Stable

Optional IP55 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	ECL6120	ECL6130	ECL6150
Laser Type	Fiber laser		
Laser Wave Length	1064nm		
Laser Power	20W	30W	50W
Marking speed * (characters/sec)	up to 2000 characters/sec		
Linear speed *	Depends on the marking field and characters, up to 600m/min		
Marking lines	Unlimited		
Character Height	0.3mm-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	70*70mm,110*110mm,160*160mm,174*174mm,205*205mm, 300*300mm,360*360mm,400*400mm		
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		
Laser Head Dimension	441mm*97mm*108mm		
Control Cabinet Size	510mm*460mm*150mm		
Touchscreen Size	272mm*21mm*218mm		
Product detect input	NPN/PNP/24V-detector; Shaft encoder or Synchronized signal		
Singal Input/Output	Start up/Stop/Interlock; System ready/Marking/Failure		
Interfaces	RS-232,Ethernet(10/100Mbit)		
Power Supply	100-240VAC,50/60Hz		
Cooling System	Air cooled		
Operating Temperature & Humidity	5-40 °C		
Protective Grade	IP55		
Optional	Network and remote control software(TCP/IP),Mounting stander KitMounting 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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