

Advanced Continuous Inkjet Printer for Efficient Printing Operation

## GC 2000 Continuous Inkjet Printer

Gressler stands as a reliable partner for complete supply chain solutions, from the manufacturing line straight to the consumer. Our clients choose us to minimize waste, enhance coding efficiency, ensure regulatory compliance, streamline packaging processes, and safeguard their brands and consumers.



### KEY FEATURES

- High-Speed Precision Printing**

The Gressler GC2000 Continuous Inkjet Printer delivers outstanding code quality at speeds reaching 400 meters per minute, capable of printing up to four lines of micro-sized text and intricate 2D codes, making it perfect for scenarios that demand high clarity and efficient use of space.
- Superior Print Quality for Traceability**

Utilizes exceptional print quality with specialized QR code fonts, ensuring high-quality, legible codes ideal for traceability in tight spaces.
- Advanced Print Performance**

The GC2000 printer features a streamlined printhead design, achieving accurate drop positioning and stability, alongside real-time viscosity adjustments and advanced hydraulics technology. This combination guarantees uniformly exceptional print quality throughout production.
- Maximized Operational Efficiency**

Incorporates an innovative ink build-up sensor and an auto-rinse feature to minimize printhead cleaning requirements and maintenance downtime, significantly enhancing productivity.
- Seamless Integration and User Interface**

Provides enhanced connectivity for easy integration into production lines and a 10.1-inch IPS HD display for superior user interaction, streamlining operations and reducing intervention times.

### SALES INQUIRY



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## INDUSTRY & APPLICATION

- Food & Beverage
- Pharmacy
- FMCG
- Cosmetics & Personal Care
- Electronics
- Automotive

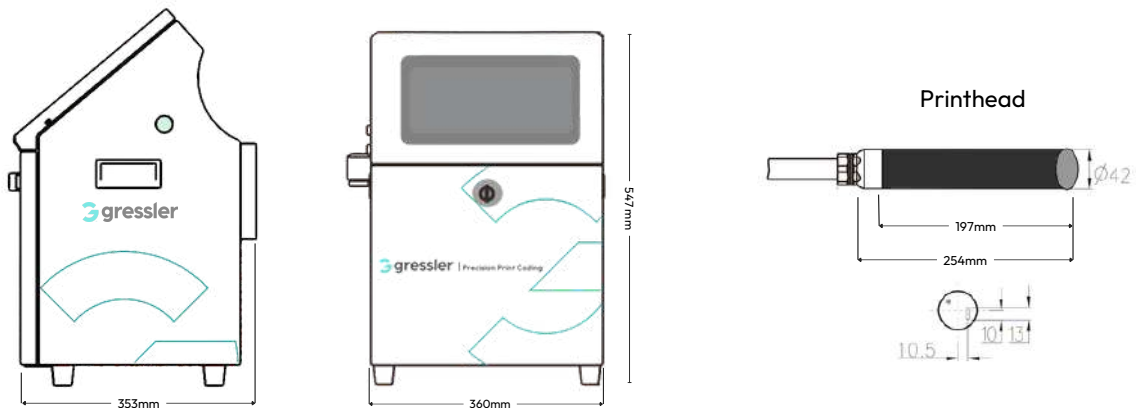
### TECHNICAL SPECIFICATION

Display	10.1 inch IPS HD Screen
Nozzle Size	Standard : 60µm - Optional : 50µm, 70µm
Communication Interface	RS232,RJ45,Rotary encoder, Alarm lamp, Jet printing trigger Status output, USB port
Conduit Length	3 meters / (optional) 6 meters
Languages	Support Multi-language
Power Requirement	100-240VAC, 50/60Hz
Power Consumption	120W
Machine material and Protection	304 stainless steels with IP65
Dimension	(H) 547mm x (W) 360 mm x (D) 353mm
Net weight	17kg
Operating Temp	-20 °C - 45 °C (relative temperature)
Humidity	0% - 90% (no condensation)
Ink Core	12000 hours Free Maintenance

### PRINTING CAPABILITIES

Character Height	2-10mm
Printing Distance	12mm
Printing Lines	Up to 4 lines
Printing Speed	Max 400m/min at 60dpi
Font Matrix	Single Line: 5x5, 5x7, 7x, 9x10, 10x16, 16x24, 25x34
	Double lines:5x5, 5x7, 7x9, 9x12, 10x16
	Three lines:5x5, 5x7, 7x9
	Four lines:5x5, 5x7
	Five lines:5x5
Message Storage	1000 messages
Nozzle Size	Standard : 60µm - Optional : 50µm, 70µm
Print Content	Text, time, date, pattern, shift, serial number, dynamic barcode / QR code, dynamic database, and logo
Substrates	Carton, plastic, metal, sheet, pipe, stone, cable, glass, electronic components, auto parts, industrial chemical packaging, rubber
Fluid	Ink & Make Up Intelligent Cartridge 750ml each
Ink Color	Black, white, red, yellow, blue, green, invisible

\*Speed, dot size may vary depending on application on site and substrates type.



Gressler is committed to ongoing product enhancement. Therefore, we reserve the right to modify designs and specifications without prior notification. For more information about our products, please reach out to our Sales Advisor.