

# DATA SHEET

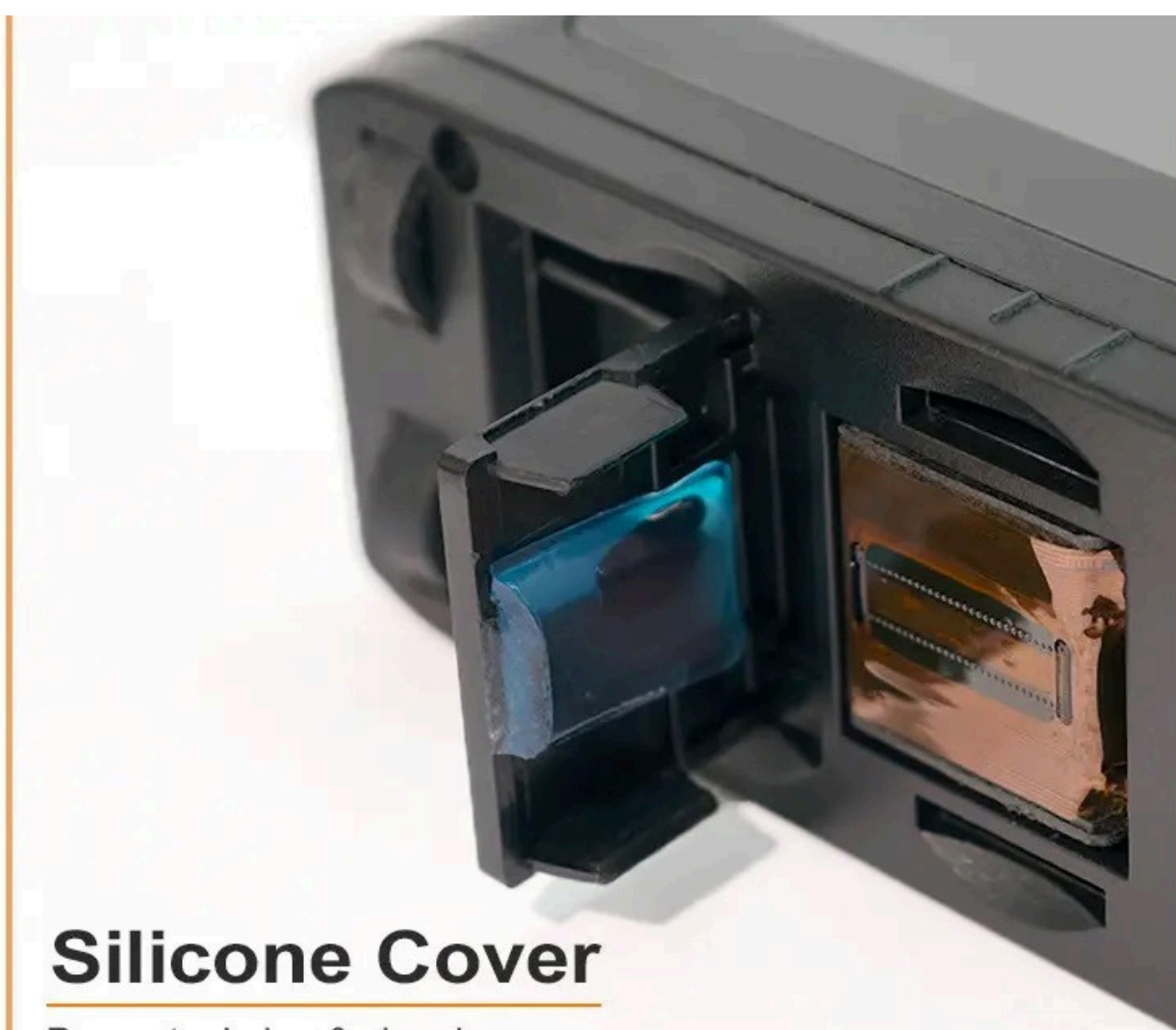
## MODEL CE20 HANDHELD THERMAL INKJET PRINTER

**Product Overview** The Cavalier Enterprises Model CE20 is a rugged, lightweight, and highly versatile handheld thermal inkjet (TIJ) printer. Engineered for industrial environments, it empowers operators to print high-resolution alphanumeric text, barcodes, QR codes, and variable data directly onto a wide array of porous and non-porous surfaces. With an intuitive built-in touchscreen and PC-free operation, the CE20 is the ultimate solution for efficient, on-the-go product marking and coding.



N.W.: 25 KGS  
G.W.: 25.5 KGS  
LO NO.: 202509070037

- **Standalone Operation:** Built-in touchscreen allows for full message creation and editing without needing a computer.
- **Ergonomic Design:** Lightweight construction with an anti-slip grip and stable guide wheels minimizes operator fatigue during continuous use.
- **Rapid Deployment:** Quick-drying ink cartridges click easily into the compartment, ensuring zero mess and minimal downtime.
- **Line Integration Ready:** Includes a photoelectric sensor interface, allowing the handheld device to be mounted and integrated into automated conveyor systems.



### Silicone Cover

Prevents drying & clogging  
(short-term non-use)



### Built in Encoder

Stable & precise jet printing



### Weight Only 390g

Effortless to hold even for long printing!



### Red Light Position Line

Quickly locate the printing position

Feature	Specification
<b>Model</b>	CE20
<b>Print Technology</b>	Thermal Inkjet (TIJ)
<b>Print Resolution</b>	Up to 600 DPI (High Definition)
<b>Print Height</b>	2mm to 12.7mm (Adjustable)
<b>Print Distance</b>	2mm - 5mm (Distance between nozzle and print surface)
<b>Print Content</b>	Text, Time, Date, Batch Numbers, Serial Numbers, Logos, QR Codes, Barcodes
<b>Display</b>	4.3-inch Color Touchscreen LCD
<b>Supported Materials</b>	Corrugated Cardboard, Wood, Metal, Plastic, Glass, Foil, Cable/Wire
<b>Ink Type</b>	Solvent-based (Fast-drying for non-porous) & Water-based (for porous)
<b>Ink Cartridge Capacity</b>	42ml
<b>External Interfaces</b>	USB (for file/logo transfer), Photoelectric Sensor Interface, Charging Port
<b>Battery</b>	High-capacity rechargeable Lithium-Ion
<b>Battery Life</b>	Approx. 10 hours of continuous printing (Standby: up to 24 hours)
<b>Operating Environment</b>	Temperature: 0°C - 40°C (32°F - 104°F) / Humidity: 10% - 80%

### Device Anatomy

- **Top/Side Panel:** USB Interface, Photoelectric Sensor Interface, On/Off Switch, Power Interface.
- **Front Panel:** Ink Nozzle Cover, Print Nozzle, Stable Guide Wheels (Top and Bottom), Position Light (for precision alignment).
- **Handle:** Print Trigger Button, Ergonomic Grip.

**Cavalier Enterprises** | *Unmatched Precision, Portability, and Performance.* For sales inquiries, support, or to reorder ink cartridges, please visit [www.cavalier-enterprises.com](http://www.cavalier-enterprises.com).