



ct2000 Series Thermal Inkjet Printer Comparison

	ct2200	ct2200Pro	ct2400Pro
Controller			
Touchscreen	7" Capacitive toughened glass touchscreen		10" Capacitive toughened glass touchscreen
Screen resolution	1024 x 600		
Construction	304 Stainless Steel		
Mains supply	100V-240V		
IP rating	Designed to IP50		
Printheads			
Printheads Up to	1	2	4
Printhead compatible	PH-05 (HP45si and HP45ai)		
Printing channel	Odd / Even		
Smart chip recognition	Automatic		
Print head recognition	Automatic		
Nozzle check	•	•	•
Pulse warming	•	•	•
Random jet	•	•	•
Hot swap printhead	•	•	•
Smart card security	•	•	•
Print Capabilities			
Message design	Free design support up to 1 head	Free design support up to 2 heads	Free design support up to 4 heads
Message length	Up to 1.5 meter (3m @ 300x300dpi)		
Message storage	Unlimited		
Print resolution & speed	300 x 100 dpi (up to 180 m/min) 300 x 150 dpi (up to 120 m/min) 300 x 300 dpi (up to 60 m/min) 300 x 600 dpi (up to 30 m/min) 600 x 100 dpi (up to 180 m/min) 600 x 150 dpi (up to 120 m/min) 600 x 300 dpi (up to 60 m/min) 600 x 600 dpi (up to 30 m/min)		
Print density	Maximum 3 drops		
Printing delay	Maximum 3000mm		
Continuous printing	Yes, with immediate printing or sensor trigger		
Printing direction	Left to right, Right to left Left to right inverse, Right to left inverse		
Units	mm or inch		
WYSIWYG (What You See Is What You Get)	Remember last printing Show printing data Show printing row		
POD (Print Online Data)	—	Connection type: TCP/IP and USB Print all, Print last, Print last and repeat	
Rollover hour	•	•	•
Print cost calculator	•	•	•
Static printing	•	•	•

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Accessories and Comms			
Product detect	External sensor (NPN, PNP)		
Encoder printing	Internal encoder External encoder with customized encoder support Maximum Diameter: 200mm Maximum PPR: 12,000		
Spare IO	1 Digital input 1 Digital output		
Alarm beacon & configuration	Yes		
USB	•	•	•
TCP/IP	—	•	•
RS232	—	•	•
Message Fields			
Text	Free design message fields All input languages No limit on characters		
Logo	No limit, based on free memory (8GB)		
Counter	Single counter up to 1,000,000,000 Box / lot counter up to 1,000,000,000 Counter up / down Repeat counter Step jump counter		
Date-time	Latin/Julian date-time Days/Month/Year Last digits of year		
Barcode	Static and variable 1D & 2D codes		
Shiftcode	Maximum 5 shifts		
Database	—	Maximum 200,000 entries Database type support: .txt, .csv	
POD (Print Online Data)	—	Up to 20 fields	
Symbols	•	•	•

Dimensions (mm)



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ct2000 series video

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