

Tempcon Instrumentation Ford Lane Business Park Ford West Sussex BN18 OUZ, UK www.tempcon.co.uk



# 30MED Medical Fridge (94 Litre) - Optional Temperature Data Logger

# **Product Images**







#### **Short Description**

Made in the UK for safe and efficient refrigerated storage of drugs and vaccines. High / low temperature alarms and optional temperature data logging.

#### **Description**

This medical fridge is made in the UK to the highest standards and is designed for safe and efficient refrigerated storage of drugs and vaccines.

The 30MED model features high / low temperature alarms and optional data logging, for safe drug and vaccine storage. The exterior is white with a green lid section to highlight its purpose, and the door is fitted with an antimicrobial copper handle. The interior is 304 grade stainless steel (harder wearing than moulded plastic), with wire shelves to maintain airflow for even temperature distribution.

With the optional CX402 temperature data logger and CX Internet Gateway, you can get remote alert notifications of temperature excursions and automatically download data from loggers within range of the device.

#### **Key Features: 30MED Medical Fridge**

- Ideal for vaccine refrigerated storage
- 1°C to 5°C standard temperature range (can be altered to suit specific requirements)
- Fan-assisted interior for even temperature distribution
- Front vented and needs minimal airspace around it (20mm recommended above)
- Maintenance-free condenser & auto-defrost
- LED lighting and low-voltage fans for low energy consumption
- Digital temperature controller
- High / low temperature alarms
- Data logging facility optional
- Solid lockable door standard / glass lockable door optional
- Antimicrobial copper door handle
- Interior is 304 grade stainless steel (harder wearing than moulded plastic)
- Uses environmentally-friendly R600a hydrocarbon refrigerant.

# **Key Features: Optional CX402 Temperature Data Logger**

- Easy-to-read display with current and daily min/max temperatures
- Audible and visual alarms
- Bluetooth transmission of data and alarm states
- Logger setup and download of data in seconds without a PC or cable
- +/- 0.5°C accuracy for reliable temperature readings
- Battery-powered to guard against local power loss
- Optional ISO 17025 compliant calibration (NIST included)
- Used in conjunction with the InTemp app, easily view data plus create & share secure PDF reports for streamlined reporting and regulatory compliance.

# **Additional Information**

ry of Manufacture	United Kingdom				
	DIMENSION	S			
	Height 805 r	Height 805 mm			
	Width 493 r	Width 493 mm			
	Depth 550 r				
	Capacity 94 lit				
	Weight 41 kg				
	Glass lockable do     Door left open al	OTHER OPTIONS (CONTACT US FOR A QUOTE FOR THESE)  • Glass lockable door  • Door left open alarm  • Castors (add 120mm to the overall height).			
		OPTIONAL TEMPERATURE DATA LOGGER Full specifications for this data logger can be found in the User Manual found un Logger			
	Radio Power		1 mW (0 dBm)		
	Transmission R	ange	Approximately 30.5 m (100 ft) line-of-s	ight	
	Wireless Data S		Bluetooth Low Energy (Bluetooth Smar		
	Logger Operation		-30° to 70°C (-22° to 158°F), 0 to 95% R		
	Logging Rate	-0IBC	1 second to 18 hours		
	Time Accuracy		±1 minute per month at 25°C (77°F)	arios usor roplacoable	
	Battery Type  Battery Life			l minute. Faster logging intervals, remainin sive report generation, numerous audible	
	Memory		128 KB (84,650 measurements, maxim		
	Full Memory Do	wnload Time		onger the farther the device is from the log	
1	LCD			22°F); the LCD may react slowly or go blank	
	Dimensions		9.4 x 4.5 x 2.59 cm (3.7 x 1.77 x 1.02 inc	ches)	
	Weight		90.2 g (3.18 oz)		
	Environmental	Rating	IP54		
	CE		The CE Marking identifies this product European Union (EU).	as complying with all relevant directives in	
	External Tempe	rature Probe			
Ran		-40° to 100°0	C (-40° to 212°F)		
	Accuracy	±0.5°C from -15° to 80°C (±0.9°F from 5° to 176°F) ±1.0°C from -40° to -15°C (±1.8°F from -40° to 5°F) ±0.7°C from 80° to 100°C (±1.3°F from 176° to 212°F)			
	Resolution	0.024°C at 25°C (0.04°F at 77°F)			
	Drift	<0.1°C (0.18°F) per year  With 5 mL bottle: 10 minutes typical to 90% in air moving 1 m  With 15 mL bottle: 20 minutes typical to 90% in air moving 1 m  With 30 mL bottle: 25 minutes typical to 90% in air moving 1 m			
	Response Time			oving 1 m/s	
	Cable Length	2 or 4 meter	(6.56 or 13.12 feet) flat ribbon cable		
	Ambient Tempe	Ambient Temperature Sensor			
	Range				
	Accuracy	±0.5°C from	-15° to 70°C (±0.9°F from 5° to 158°F) -30° to -15°C (±1.8°F from -22° to 5°F)		
	Resolution				
			ypical to 90% in air moving 1 m/s		
	Professional				
	ACCUR8				
	Life Sciences, Phar	Life Sciences, Pharmaceutical, Vaccine Storage			
	Temperature	Temperature			

# Additional Options

Optional Temperature Logger with 2m Probe & 5ml Glycol Bottle	InTemp Temperature Data Logger (SKU: CX402-T205)	
Optional Remote Cloud-based Access to Your Data	InTemp CX Internet Gateway (SKU: CX5000)	
CX Gateway Service Plan Subscription - required with CX Internet Gateway	CX Gateway Service Plan Subscription (1 Year)	