

# GRAPHTEC

NEW

## Paperless Recorder **MOUNTCORDER MT100**



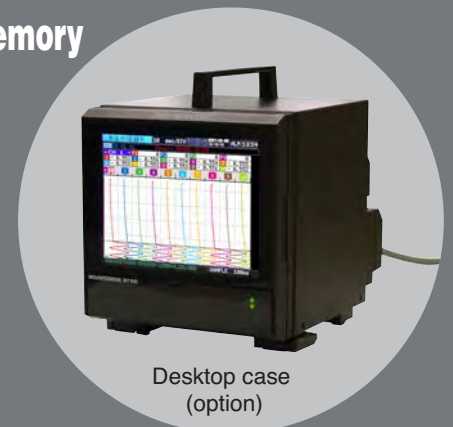
**Isolated 10 channel multi function input  
Voltage/Temperature/Humidity/Pulse/Logic**

**Long term large size data can be stored directly into the USB memory  
Real time data transfer by LAN/USB**

**Dust proof, drip proof, vibration proof  
for use at harsh environment**

**Analog recorder chart paper image  
for easy-to-read waveform display**

**Compact design 144(W) x 144(H) x 200(D) mm**



Desktop case  
(option)

## Specification

Item	Description	
No. of channels	10 ch	
Terminal type	M4 screw terminal	
Input method	All channels isolated, Scanning system	
Input range	Voltage	+/-20mV to +/-50V, 1-5V / F.S.
	Temperature	Thermocouple:K, J, E, T, R, S, B, N, W(WRe5-26) RTD:Pt100, JPt100, Pt1000(IEC751)
	Humidity	0 to 100% *When using the humidity sensor (B-530)
External In / out	Input	Trigger 1ch, Logic 4ch or Pulse 4ch
	Output	Alarm 4ch
A/D resolution	16bit(out of which 14 are internally acknowledged )	
Max. sampling rate	100ms / 10ch	
Internal memory	14MB Flash memory	
External storage device	USB memory (2GB maximum for one file)	
Calculation function	Statistical calculation, Calculation between channels, Wet-and dry-bulb temperature conversion, Search function	
Display	5.7 inch color TFT	
PC interface	Ethernet (10BASE-T/100BASE-TX), USB2.0 (Full speed)	
External dimension	144 (W) x 144 (H) x 200 (D)mm	
Operation environment	0 to 50 deg. C, 5 to 85 % R.H.	
Power supply	100 to 240 VAC / 50 to 60 Hz, M4 screw terminal	
Other	Dust proof, Drip proof : Compatible with IP-65	
	Vibration proof : Compatible with Automobile parts vibration test Class 1 Class A	

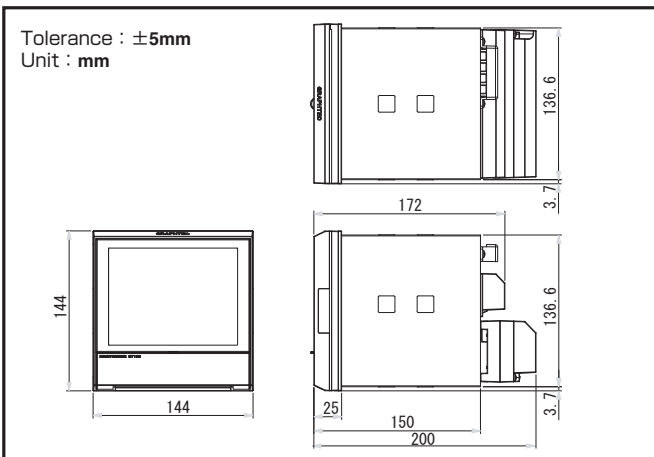
## Option

Item	Model name	Remark
Desktop case	B-541	Power cord is attached

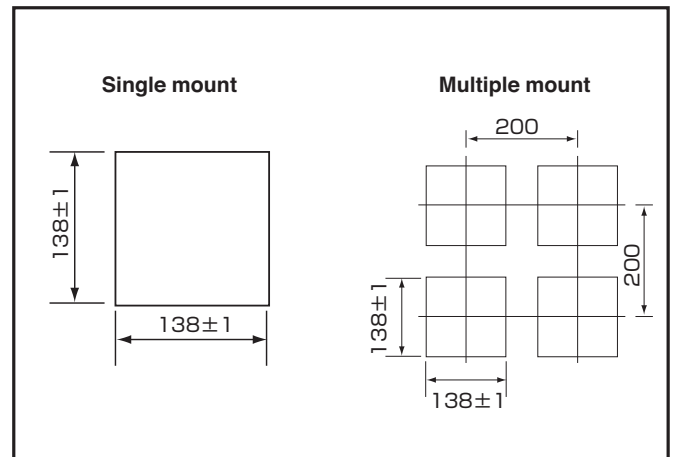
## Accessories

Item	Model name	Remark
Humidity sensor	B-530	Cable length : 3 m
Rod-shaped thermocouple K type	RIC-410	Cable length :1.1m
Thermocouple K type for static surface	RIC-420	Cable length :1.1m
L-shaped thermocouple K type for static surface	RIC-430	Cable length :1.1m

### External dimensions



### Panel cut size



Please contact the manufacturer of your PC for warranty and maintenance/replacement parts. Graphtec does not warrant any damage of loss of data arising from the failures of the main unit or PC. Please make sure to backup your data regularly. The information in this catalog is accurate and complete as of February 13, 2008. The software and hardware names contained in this document are trademarks or registered trademarks of respective companies. Windows is trademark or registered trademark of Microsoft Corporation in the United States and other countries.

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# GRAPHTEC

## Graphtec Corporation

503-10 Shinano-cho, Totuka-ku, Yokohama 244-8503, Japan

Tel: +81-45-825-6250 Fax: +81-45-825-6396

Email: [webinfo@graphtec.co.jp](mailto:webinfo@graphtec.co.jp)

Website <http://www.graphteccorp.com>