

# INTELLIGENT RECORDER



**Printing/ recording performs by this 1 unit!**  
**Roll paper printing, internal memory recording,**  
**SD card storage and PC cooperation are also possible**  
**Intelligent data recorder.**

**Built-in printer**  
**with SD card function**  
**Intelligent recorder**

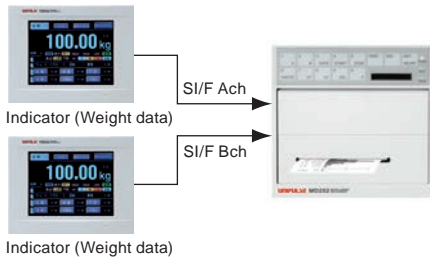
**DIN 96** **RoHS2** **MD252**

## ● Printing / recording of 2 indicators

Basically, SI/F interfaces are installed in 2 channels to enable the economical double-channels printings/ recordings.

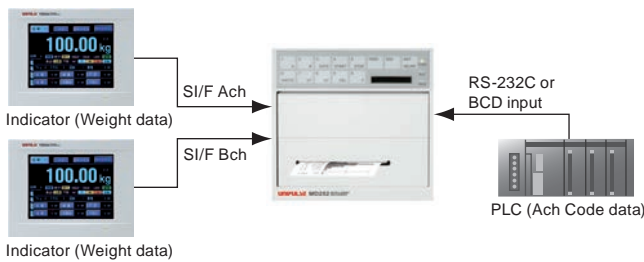
### ■ Application example1:

Printing/ recording data from 2 indicators



### ■ Application example2:

Printing/ recording code data of an option and weight data of an indicator



By entering via the front panel key, weight data with code can be recorded in both Ach and Bch. Code data of Ach can also be entered via an optional interface.

## ● Code-table function

The code can use alphanumeric characters and/ or symbols for up to 6 characters or digits. Up to 100 codes can be registered. Up to 32 types/ch of classification for each code.

## ● Code name registration by PC

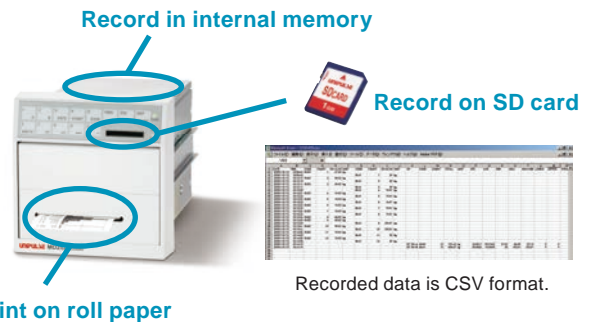
The code name of MD252 can be saved on the SD card. It is also possible to read the code name which is saved on the SD card into MD252.



## ● Feel at ease without paper

Weight data of indicator and MD252 statistical data can be recorded on SD card. Even without SD card, the data equivalent to amount of data printable on 1 roll\* or more rolled paper can be recorded.

\*Available to print 8,000 rows on 1 roll of rolled paper.



## ● Abundant print formats

Statistical printing function that can print totals, statistics, displacement charts and histograms.



## ● Print / record high-level statistical calculation results

Date, Time, Input value, Unit, Code name (6-digits), Count (1 to 9999 counts), Sub-total (9-digits), Grand Total (9-digits), Batch Total, target value, Maximum Value, Minimum Value, Average, Standard Deviation, Range (Max-Min), Displacement diagram, Histogram

## ● DIN96 size

DIN 96(W) x 96(H)mm size . Compact design and easy installation

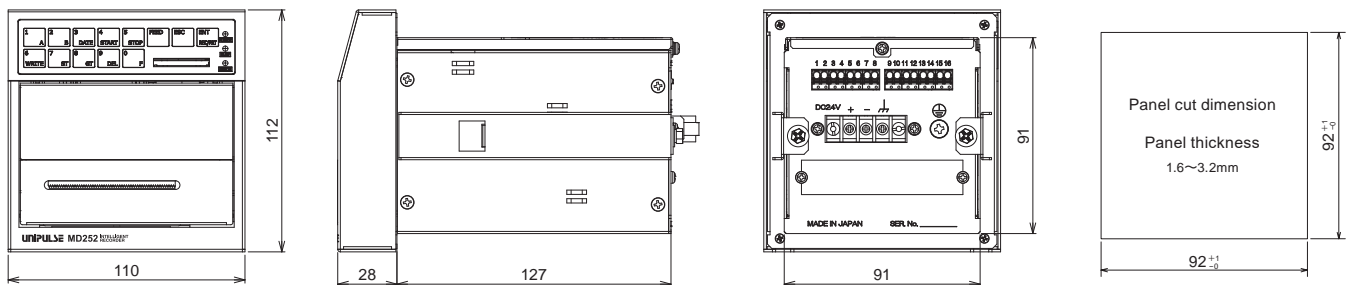
# INTELLIGENT RECORDER MD252

## Specifications

Printer section	Printing method	5 x 7 dot impact
	Printing rate	Approx. 2.5rows/sec (approx. 60cps)
	Printing digit	24 digits
	Printing paper	<ul style="list-style-type: none"> <li>Roll paper: Width 57.5±0.5 mm, Winding diameter 60 mm, Total length 30 m, No. of printable rows: Approx. 8000 rows/1 roll</li> <li>Roll paper (duplicate): Width 57.5±0.5 mm, Winding diameter 60 mm, Total length 20 m, No. of printable rows approx. 5900 row/1 roll</li> </ul>
	Durability	MCBF 1,000,000 rows or more (roll paper: 200 rolls or more)
Card slot section	Card specification	SD card
	File format	CSV format text file
	File name	ddhhmmss.csv (dd:day, hh:hour, mm:minute, ss:second)
	File writing method	<ul style="list-style-type: none"> <li>WRITE→ENT key input</li> <li>GT→ENT key input</li> <li>Rear panel input (WRITE terminal)</li> <li>Rear panel input (GT terminal)</li> <li>In case of full internal memory</li> <li>Set by maximum recording count for each codes</li> <li>Setting time</li> </ul>
Main performance	Data recording method	<ul style="list-style-type: none"> <li>REC/PRT key input</li> <li>Rear panel input (REC terminal)</li> <li>Auto Recording command input (via SI/F, RS-232C)</li> <li>Automatic record by interval setting (1 to 9999 sec.) (2 to 9999 sec for displacement diagram printing)</li> </ul>
	Details of recorded data	Date, Time, Input value, Unit, Code name (6-digits), Count (1 to 9999 counts), Sub-total (9-digits), Grand Total (9-digits), Batch Total, target value※1, Maximum Value, Minimum Value, Average, Standard Deviation, Range (Max-Min), displacement diagram※1, histogram※1, Frequency Distribution※2, Error, Over ※1 : Only print, ※2 : Only record
Interface	SIF : SI/F 2-wire serial interface(Basically, SI/F interfaces are installed in 2 channels) BCI : BCD parallel data input interface (option) 232 : RS-232C communication interface (option) Only one option can be installed.	
General performance	Power source	DC24V(±15%)
	Power consumption	20W typ.
	Inrush current	4A(700μsec typ.)
	Operation condition	Temperature Operation temperature range: -10~+50°C, Storage temperature range: -20~+85°C Humidity 85% RH or less (non-condensing)
	Dimensions	110(W)×112(H)×155(D)mm(Projections excluded)
	Weight	Approx.1.3kg
Attachments	Mini driver.....1 BCD input connector(with BCD option) ..... 1 Roll paper.....1 Roll paper spindle..... 1 Ink ribbon (1 mounted on main unit)..... 2 Operation manual ..... 1	
Optional accessories	PP350/10 : Roll paper 10 pcs PP350-2P/10 : Roll paper (duplicate) 10 pcs PR350/10 : Ink ribbon 10 pcs PC252B : Roll paper spindle CN34 : D-Sub 9p connector for RS-232C SD1G : SD card 1GByte SD2G : SD card 2GByte	

## External dimension

Unit : mm



\*Please note that specifications or designs shown in this catalog may vary due to our continuous product improvement activities.

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