MR1200 Waveform Monitoring and Recording System

Model MR1200

General Description

The recorder can show and record the voltage, current waveform with full channel, high sampling rate and analysize harmonic component and vector graph.

The value recorded is the orignal data but calculation value or parameter, so it can display and record the waveform characteristics in real time and undistortedly.

The product aims on data collection and analysis of long-time high sampling rate for substaiton, power-plant no-load, short-circuit chacteristic test, excitation test and etc. electric test and fault recording, real-time and undistorted recording and oscilloscope with full-channel and high sampling rate in laboratory.

Product Features

- Integrated with the functions of digital oscilloscope and high sampling rated oscilloscope that oscilloscopes as well as recording.

- Continuous recording original data in a long-time; recording and making samples synchronously, when the sampling rate is 10K/s, the recording time is not less than 300 hous.

- The sampling rate is as high as 100K/s when there is full channel and high sampling rate.

- Based on high precision, high linearity, low temperature drift and low zero drift transducer, it shows and records DC component current and voltage signal waveform exactly.

- Adopting modularization design in channel configuration, the user can choose the accessories and the software identifies automatically.

- Supports GPS B code to record absolute time.

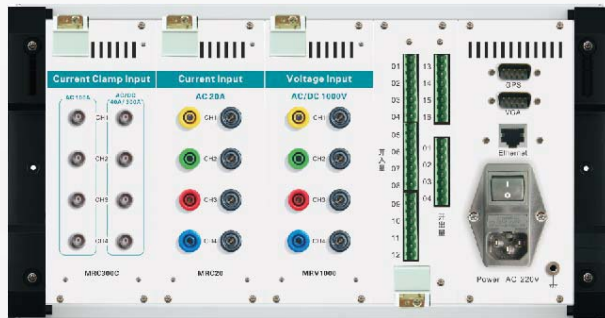# MR1200 Waveform Monitoring and Recording System

Specifications

Configuration

	MR1200 S	MR1200 M	MR1200 L	MR1200 D
AC/DC Voltage Channels	4×1000V	4×1000V	4×1000V	4×1000V
AC/DC Current Channels	4×100A	8×100A	4×100A	3×200A
AC/DC current Clamp			4×100A(AC)/ 4×300A(AC/DC)	3×100A
DC channel				1x ±1000V 1x -10~10V
				1x 0~200mV 1x 4~20mA
Binary sampling channel number	16	16	16	16
Max. sampling rate	50KHz	100KHz	100KHz	100KHz
Max. recording capacity	200GB	200GB	200GB	200GB

Max. Record Time (Example:8 channels analog inputs, 16 binary inputs)

Rate	MR1200 S	MR1200 M	MR1200 L	MR1200 D
50K/s	60hr	60hr	60hr	60hr
10K/s	300hr	300hr	300hr	300hr
1K/s	3000hr	3000hr	3000hr	3000hr

Others

	MR1200 S	MR1200 M	MR1200 L	MR1200 D
Screen(Can use external monitor)	8.4″TFT	8.4″TFT	8.4″TFT	8.4″TFT
GPS B Code Support	Disbale	Enable	Enable	Enable
Communication Port	USB RJ45	USB RJ45	USB RJ45	USB RJ45

MR1200 rear view

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