# User's Manual

### **Notice of Alterations**

# OR100E/OR300E Handy Oscillographic Recorder

Please note the following alterations to the IM OR100E-01E.

Due to the inclusion of modem functions in PCs and the rapid proliferation of broadband communication in recent year, it has become difficult to obtain certain commercial FAX/modem cards. Therefore, support for the FAX/modem cards was cancelled as of December 31, 2005. Please disregard the following related descriptions listed in the user's manual.

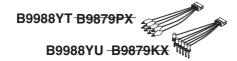
- Page 11-10 "11.6 FAX Modem"
- Page 11-12 "11.7 Setting the FAX Modem"
- Page 12-4 "Outpout over the FAX modem"

#### Note.

The Handy-OR FAX menu will remain available in units manufactured in the future in case those who use the OR with their current modem card need to replace their OR.

### Page 3 "Optional Accessories"

logic plobe read



# Page 14-1 "14.1 Measurement Input."

correct

**Measurement category** 

incorrect

Overvoltage category



## Page 14-14 "14.9 General Specification"

Additional specifications

Safety

Safety: CSA-C22.2NO.1010-92 approved

Self-certification to comply with EN61010-1

**EMC** 

Emission EN55011 Group1 ClassA

EN61000-3-2 Harmonics current /classD

EN61000-3-3 Flicker and voltage fluctuations

Immunity EN61326

Performance Criteria for EN61326

		Performance Measurement System	Criteria Communication System
IEC 61000-4-2	Electrostatic Discharge 8kV(Air), 4kV(Contact)	В	В
IEC 61000-4-3	Radiated fields 80M-1000MHz, 10V/m 1.4G-2.0GHz, 10V/m	A*	A*
IEC 61000-4-4	Fast Transients Burst Power line 2kV, The others 1kV	В	В
IEC 61000-4-5	Surge Power: (AC power supply part) 1kV(Line-Line), 2kV(Line-GND) Signal: (except 788041) 2kV(Line-GND)	В	С
IEC 61000-4-6	Conducted Disturbance 0.15-80MHz, 3V	A*	A*
IEC 61000-4-8	Magnetic field 50 Hz, 30 A <sub>RMS</sub> /m	A*	A*
IEC 61000-4-11	Voltage dip / Short interrupts 0.5 cycle, each polarity 100%	A*	A*

With functional ground of the recorder connected to GND.

With YOKOGAWA AC adapter, logic probe, measurement lead and shielded RS-232C cable.

Performance Criterion A: Normal operation within specifications except

accuracy of the following

may be affected by increased noise.

±50% of F.S. or ±2V

Performance Criterion B: Temporary deterioration and loss with self-

recovering characteristics.

Specified value not compensated.