Please make sure the following alterations to the User's Manual IM704610-01E.

Page ii "Model and Suffix Code"

Please note the following changes.

Model	Suffix	Specification
704610		100–120 VAC, 200–240 VAC
....	....	....

Page 4-4 "Note"

Please note the following changes.

> **Note**
> • The frequency characteristics of the internal equalizer circuit of the TA220 conform to Part 1 Ver. 1.0 of the Blue-ray Disc standard ($1 \times$ speed).
> • For information on the limit equalizer option, see the option function user's manual (IM 704610-51E). The limit equalizer cannot be selected as an option for products with suffix code -BDS.

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Please note the following changes.

SSTart Group

:SSTart	Executes single measurement.	10-29

STARt Group

:STARt	Starts the measurement.	10-29

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Please note the following changes.

:SAMPle:ARMing:SOURce

Function	Sets the arming source or queries the current setting.
Syntax	:SAMPle:ARMing:SOURce {AUTO|EXTernal}
	:SAMPle:ARMing:SOURce?
Example	:SAMPLE:ARMING:SOURCE AUTO
	:SAMPLE:ARMING:SOURCE?
	-> :SAMPLE:ARMING:SOURCE AUTO
Description	~~Cannot be set or queried when SAMPle:ARMing:SOURce (arming source) is AUTO.~~

:SAMPle:BLOCk?

Function	Queries all settings related to block sampling.
Syntax	:SAMPle:BLOCk?
Example	:SAMPLE:BLOCK?
	-> :SAMPLE:BLOCK:SIZE 10;STATE 1
Description	Cannot be set or queried when SAMPle:ARMing:SOURce (arming source) is AUTO.

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Please note the following changes.

Error Queue

The error queue stores the number and message of an error when it occurs. For example, if the controller sends an incorrect program message, the error number "113" and the message "Undefined header" are stored in the error queue when the error is displayed.

The error queue can be read using the STATus:ERRor? query. Like the output queue, the oldest data in the error queue is read out first.

When the error queue overflows, the last message is replaced by the message "350, Queue overflow."

Other than when it is read out, the error queue becomes empty in the following cases.

• When the *CLS command is received
• When the instrument is restarted

You can check bit 2 (EAV) of the status byte to determine whether the error queue is empty.

Page 13-6 "General Specifications"

Please note the following changes.

....	....
Insulation resistance (between power supply and case)	
	10 MΩ or more (500 VDC)
Withstanding voltage (between power supply and case)	
	2500 VAC at 50/60 Hz for 5 s
....	....

Please note the following additions.

Item	Specifications	
Safety standard	Complying standard	EN61010-1 • Overvoltage category (Installation category) II[*1] • Pollution degree 2[*2] • Measurement category II[*3]
Emission	Complying standard	• EN61326 Class A, C-Tick AS/NZS CISPR11 This product is a Class A (for commercial environment) product. Operation of this product in a residential area may cause radio interference in which case the user is required to correct the interference.
	Cable requirement	• BNC Connector Use a BNC cable[*4]. • GP-IB interface connector Use a GP-IB shielded cable[*4]. • Ethernet interface connector Use an Ethernet interface cable[*5].
	Tests	1. Main terminal disturbance voltage (EN61326) Class A 2. Electromagnetic radiation disturbance (EN61326) Class A 3. Power supply harmonics restriction (EN61000-3-2) 4. Voltage fluctuation and flicker (EN61000-3-3)
Immunity	Complying standard	EN61326
	Tests	1. Electrostatic discharge (IEC61000-4-2): 　8 kV (air discharge), 4kV(contact discharge),　　Criteria B 2. EM-field immunity (IEC61000-4-3): 　80 MHz to 1 GHz, 1.4 GHz to 2 GHz, 10 V/m,　　Criteria A 3. Electrical fast transient/burst (IEC61000-4-4): 　2 kV (AC line), 1kV(other signal lines),　　Criteria B 4. HF conducted immunity (IEC61000-4-6): 　0.15 to 80 MHz, 3 Vrms,　　Criteria A 5. Voltage dip and interruption (IEC61000-4-11): 　0.5 cycle, both polarities, 100%,　　Criteria B 6. Surge immunity (EN61000-4-5): 　AC Power 1 kV (line to line), 2 kV (line to earth),　　Criteria B
	Definition of performance criteria A and B	Criteria A: No functional loss or performance drop during test. Criteria B: If temporary functional loss or performance drop occurs during test, the functions and performance recover automatically.

*1 The Overvoltage Category (Installation Category) is a value used to define the transient overvoltage condition and includes the impulse withstand voltage regulation. II applies to electrical equipment that is powered by a fixed installation such as a distribution board.

*2 Pollution Degree: Applies to the degree of adhesion of a solid, liquid, or gas which deteriorates withstand voltage or surface resistivity. Pollution Degree 2 applies to normal indoor atmospheres (with only non-conductive pollution).

*3 Measurement category II (CAT II) applies to measurement of electrical equipment which is supplied from fixed installations such as a wall outlet wired from a distribution board, or of the wires themselves.

*4 Use cables of length 2 m or less.

*5 Use cables of length 30 m or less.