Δ: Target data only

Setting Items				Display	Default	Instrument — Reset	Communication — :SYStem :RESet	Communication — *RST	Communication — :PRESet	File — User-defined table save/load	File — All settings save/load	Backup
Measurement Mode				MODE	NONE	✓	✓	✓	✓		✓	
Selection table				TABLE:No.	1	✓	✓				✓	✓
Common Settings	Common function	Automatic settings for scope of waveform acquisition		AUTO SET	Off							
		The comparison judgments of waveform surface areas	Automatic settings for the judgment scope	AUTO SCOPE	ORIGINAL							
			Automatic settings for the threshold value	AUTO LIMIT	ON							
			Addtion of variation in judgement value	VARIATION	ADD							
			Additional amount of allowance(margin value) to give threshold value	MARGIN	5.00%							
		The comparison judgments of different waveform surface areas	Automatic settings for the judgment scope	AUTO SCOPE	ORIGINAL							
			Automatic settings for the threshold value	AUTO LIMIT	ON							
			Addtion of variation in judgement value	VARIATION	ADD							
			Additional amount of allowance(margin value) to give threshold value	MARGIN	10.00%							
		The waveform flutter detection judgments	Automatic settings for the judgment scope	AUTO SCOPE	ORIGINAL							
			Automatic settings for the threshold value	AUTO LIMIT	ON							
			Addtion of variation in judgement value	VARIATION	ADD							
			Additional amount of allowance(margin value) to give threshold value	MARGIN	30.00%							
		The waveform secondary differential detection judgments	Automatic settings for the threshold value	AUTO SCOPE	ORIGINAL	✓	✓	✓	✓		✓	✓
			Addtion of variation in judgement value	AUTO LIMIT	ON							
			Additional amount of allowance(margin value) to give threshold value(LC)	VARIATION	ADD							
			Additional amount of allowance(margin value) to give threshold value(RC)	MARGIN	30.00%							
		Automatic Voltage Adjustment(COMMON)	Automatic Voltage Adjustment	AUTO ADJ.	OFF							
			Upper limit of the adjustable range		50%							
		Manual Voltage Adjustment	Manual Voltage Adjustment		0FF							
			Adjustment value(voltage)		100V							
			Adjustment value(ratio)		0%							
		Memory function		MEMORY	Off							
		Display function	Display	DISP	ON							
			Backlight brightness	BACKLIGHT	130							
		Key beep sound	Key beep	KEY BEEP	ON							
			Type of sound	BEEP TONE	0							
			Volume	BEEP VOLUME	1							
		Judgment beep sound	Judgment beep	JUDGE BEEP	FAIL							
			Type of sound	BEEP TONE	0							
			Volume	BEEP VOLUME	2							
		Long format		LONG FORM	Off							
		Interlock	Inerlock	INTERLOCK	Off							
			Password	PASSCODE	0000							
		Key lock	Key lock	KEYLOCK	Off							
			Password	PASSCODE	0000							
		Double action		DBL ACTN	Off							
		Measurement terminal open error check		OPEN ERROR	Off							
		Voltage error check		VOLT ERROR	On							
		Test time display		EOM TIME	Off							
		Communication log display		COMM LOG	Off							
		Background Color		SCRN COLOR	BLACK							
		Fixing Startup Mode		STARTUP MODE	NORMAL							
		Permanently Enabling the Interlock Function		ALWAYS INTERLOCK	OFF							✓
		Permanently Enabling Level Operation of the EXT. I/O STOP Pin		EXT. I/O STOP	EDGE							

Setting Items				Display	Default	Reset	:SYStem :RESet	*RST	:PRESet	User-defined table save/load	All settings save/load	Backup
Common Settings	Interface		Type	TYPE	USB	✓					✓	✓
		GPIB	Address	ADDRESS	1							
			Delimiter	TERM	LF							
		RS232C	Transmission rate	BAUD RATE	9600							
			Delimiter	TERM	CF+LF							
			Flow control	HANDSHAKE	Off							
		USB	Delimiter	TERM	CF+LF							
		LAN	IP address	IP ADDRESS	192.168.000.001							
			Subnet mask	SUBNETMASK	255.255.255.000							
			Default gateway	GATEWAY	Off							
			Port	PORT	6866							
			Delimiter	TERM	CF+LF							
	File	Save file automatically	Save file automatically	AUTO	Off	✓	✓	✓	✓		✓	✓
			Save to a text file	TEXT	ON							
			Save screen	SCREEN	ON							
		Save file manually	Operations when saving a file manually	MANUAL	QUICK							
			Save to a text file	TEXT	ON							
			Save screen	SCREEN	ON							
		Text save items	Save the save date and time	DATE	ON							
			Save measurement conditions	SET	ON							
			Save judgment values and judgment results	JUDGE	ON							
			Save peak values and zero-cross values	CALC	ON							
			Save measurement waveform	WAVE	ON							
		Save settings	Name of saved file	FILENAME	""							
			Image save type	PICTURE	COLOR							
			Quotation marks	QUOTE	DOUBLE							
			Item delineators	ITEM DELIM	COMMA							
			Decimal point character	DECIM CHAR	DOT							
			Date format	DATE FORM	YYYY/MM/DD							
			Date delineators	DATE DELIM	SLASH							
		Folder	Save to a text file	TEXT	""							
			Save memory data	MEMORY	""							
			Save image	SCREEN	""							
	Destruction voltage evaluation test		Automatic settings for scope of waveform acquisition	AUTO SET	Off	✓	✓	✓	✓		✓	✓
		Applied voltage	Start voltage	START	100V							
			Max. voltage	END	1000V							
			Voltage rise width	STEP	100V							
		Pulse	No. of measurement pulses	PULSE NUM	10							
			No. of degaussing pulses	DEGAUSS NUM	0							
			Min. pulse application interval	PULSE PERIOD	0.050s							
		Sampling	Sampling frequency	SAMPLING	200MHz							
			No. of sampling data	RECORD LENGTH	8001							
		Judgment	LC/RC value judgment threshold values	LCRC AREA	6σ							
			Discharge judgment threshold values	DISCHARGE	6σ							
			Threshold values for comparison judgment of waveform surface areas	AREA	6σ							
			Threshold values for peak value misalignment judgment	Vpeak	10%							
			Threshold values for frequency misalignment judgment	FREQ	10%							
		Waveform color	PASS waveform color	PASS WAVE	CYAN							
			FAIL waveform color	FAIL WAVE	RED							
			PASS discharge waveform color	PASS DCHG	GRAY							
			FAIL discharge waveform color	FAIL DCHG	RED							
			Rise time	RISE TIME	TRANSIENT							
			Trigger position	TRIG POS	AUTO							
	Discharge starting voltage test		Automatic settings for scope of waveform acquisition	AUTO SET	Off	✓	✓	✓	✓		✓	✓
		Applied voltage	Start voltage	START	100V							
			Max. voltage	TOP	1000V							
			Voltage rise width	STEP	100V							
		Pulse	No. of measurement pulses	PULSE NUM	10							
			Min. pulse application interval	PULSE PERIOD	0.050s							
		Sampling	Sampling frequency	SAMPLING	200MHz							
			No. of sampling data	RECORD LENGTH	8001							
			Discharge judgment threshold values	DISCHARGE	6σ							
			Threshold values for peak value misalignment judgment	Vpeak	10%							
			Threshold values for frequency misalignment judgment	FREQ	10%							
		Waveform color	PASS waveform color	PASS WAVE	CYAN							
			FAIL waveform color	FAIL WAVE	RED							
			PASS discharge waveform color	PASS DCHG	GRAY							
			FAIL discharge waveform color	FAIL DCHG	RED							
			Return condition	TURN BACk	100%							
			Rise time	RISE TIME	TRANSIENT							
			Trigger position	TRIG POS	AUTO							
			The applied voltage to be limited to increments	ONE WAY	OFF							

Setting Items				Display	Default	Instrument — Reset	Communication — :SYStem :RESet	Communication — *RST	Communication — :PRESet	File — User-defined table save/load	File — All settings save/load	Backup
Table name				TABLE NAME	TBL_XXX	✓	✓	△		✓	✓	✓
Measurement settings (Table)	Basic settings	Applied voltage		OUTPUT VOLT	100V	✓	✓	△		✓	✓	✓
		Application pulse	No. of measurement pulses	PULSE NUM	1							
			No. of degaussing pulses	DEGAUSS NUM	0							
			Min. pulse application interval	PULSE PERIOD	0.050s							
			Continuous Application	CONTINUOUS	OFF							
		Sampling	Sampling frequency	SAMPLING	200MHz							
			No. of sampling data	RECORD LENGTH	8001							
		Trigger delay		TRIG DELAY	0.000s							
		Automatic Voltage Adjustment(COMMON)	Automatic Voltage Adjustment	AUTO ADJ.	OFF							
			Upper limit of the adjustable range		50%							
	Judgment	Waveform surface area comparison judgment	Implementation of comparison judgment of waveform surface areas	ENABLE	ON	✓	✓	△		✓	✓	✓
			Limit value	LIMIT	Off							
			Computation range	BEGIN	1							
			Computation range	END	8001							
		Waveform difference surface area comparison judgment	Implementation of comparison judgment of waveform difference surface areas	ENABLE	ON							
			Limit value	LIMIT	Off							
			Computation range	BEGIN	1							
			Computation range	END	8001							
		Waveform flutter detection judgment	Implementation of waveform flutter detection judgments	ENABLE	ON							
			Limit value	LIMIT	Off							
			Computation range	BEGIN	1							
			Computation range	END	8001							
		Waveform secondary differential detection judgments	Implementation of waveform secondary differential detection judgments	ENABLE	ON							
			Limit value	LIMIT	Off							
			Computation range	BEGIN	1							
			Computation range	END	8001							
		Discharge judgment	Calculation of discharge amount	ENABLE	AUTO							
			Limit value	LIMIT	Off							
			Computation range	END	8001							
		LC/RC value area judgment	LC value margin during creation of HI-LO judgment areas for the LC and RC value area judgment	LC MARGIN	10%							
			RC value margin during creation of HI-LO judgment areas for the LC and RC value area judgment	RC MARGIN	10%							
			Long side margin during creation of FIT judgment areas for the LC and RC value area judgment	SHORT SIDE MARGIN	10%							
			Short side margin during creation of FIT judgment areas for the LC and RC value area judgment	LONG SIDE MARGIN	10%							
			Implementation of LC/RC value area judgment	ENABLE	ON							
			LC/RC value area judgment enabled/disabled	JUDGE	Off							
			Peak 1 (upper left) X coordinate (LC)	POINT1	-1.000							
			Peak 1 (upper left) Y coordinate (RC)		1.000							
			Peak 2 (upper right) X coordinate (LC)	POINT2	1.000							
			Peak 2 (upper right) Y coordinate (RC)		1.000							
			Peak 3 (lower right) X coordinate (LC)	POINT3	1.000							
			Peak 3 (lower right) Y coordinate (RC)		-1.000							
			Peak 4 (lower left) X coordinate (LC)	POINT4	-1.000							
			Peak 4 (lower left) Y coordinate (RC)		-1.000							
	Display	Display screen	Test conditions settings mode display screen	DISP	WAVE&LCRC	✓	✓	△		✓	✓	✓
			Test mode display screen	DISP	WAVE&LCRC							
		Overlay display		OVERLAY	Off							
		Waveform color	Master waveform color	STD WAVE	YELLOW							
			Waveform color (test conditions settings mode)	SMPL WAVE	CYAN							
			PASS waveform color (test mode)	PASS WAVE	CYAN							
			FAIL waveform color (test mode)	FAIL WAVE	RED							
			PASS discharge waveform color	PASS DCHG	GRAY							
			FAIL discharge waveform color	FAIL DCHG	RED							
		Display range	X axis (LC value upper limit)	LC UPPER	+1.000µ							
			X axis (LC value lower limit)	LC LOWER	-1.000µ							
			Y axis (RC value upper limit)	RC UPPER	+1.000µ							
			Y axis (RC value lower limit)	RC LOWER	-1.000µ							