

Setting Items	Display	Default
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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		Off
			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
		Master voltage waveform dummy storage function			Off
		Suppress saving the settings table to the flash memory function			Off
		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

Δ: Target data only

Instrument	Communication			File		Backup
Reset	:SYStem :RESet	*RST	:PRESet	User- defined table save/load	All settings save/load	

✓	✓	✓	✓		✓	
✓	✓				✓	✓

✓	✓	✓	✓		✓	✓
✓	✓	✓	✓		✓	
						✓

Setting Items				Display	Default
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	8866
			Delimiter	TERM	CF+LF
	File	Save file automatically		AUTO	Off
		Save file manually	Save to a text file	TEXT	On
			Save screen	SCREEN	On
			Operations when saving a file manually	MANUAL	QUICK
		Text save items	Save to a text file	TEXT	On
			Save screen	SCREEN	On
			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	

Instrument	Communication			File		Backup
Reset	:SYStem :RESet	*RST	:PRESet	User- defined table save/load	All settings save/load	
✓					✓	✓
✓	✓	✓	✓		✓	✓
✓	✓	✓	✓		✓	✓
✓	✓	✓	✓		✓	✓

Setting Items	Display	Default
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Instrument	Communication			File		Backup
Reset	:SYStem :RESet	*RST	:PRESet	User- defined table save/load	All settings save/load	

Basic settings	Table name			TABLE NAME	TBL_XXX
	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	Automatic Voltage Adjustment	AUTO ADJ.	Off	
	Adjustment(COMMON)	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	

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✓	✓	△		✓	✓	✓