

3535 Command compatibility table

[Note: For details on each command, be sure to check the HTML communication instruction manual and communication instruction]

Compatibility ON ○: Compatibility operation is executed only when the compatibility mode is ON (COMManD:COMPatible ON)

3535	IM7580A, IM7581, IM7583, IM7585	
Command	Remarks (Operation when compatibility is ON)	Compatibility
Compatibility mode		
:COMManD:COMPatible <ON/OFF>	When compatibility is set to ON, the system is initialized to MEASITEM5.0 (Z, 0).	
Common commands		
*CLS		
*ESE		
*ESE?		
*ESR?		
*IDN?		○
*OPC		
*OPC?		
*RST		
*SRE		
*SRE?	bit 2, 3 , 7are added	
*STB?	bit 2, 3 , 7are added	
*TRG		
*TST?	Meaning of the response differs	
*WAI		
Display		
:APPLication:DISPlay:LIGHt		
:APPLication:DISPlay:LIGHt?		
:APPLication:DISPlay:MONItor	No function (command discarded)	
:APPLication:DISPlay:MONItor?	No function (ON response in all cases)	
Average		
:AVERaging		
:AVERaging?		
Beep		
:BEEPer:COMParator		
:BEEPer:COMParator?		
:BEEPer:KEY		
:BEEPer:KEY?		
BIN		
:BIN		
:BIN:FLIMit:ABSolute		
:BIN:FLIMit:ABSolute?		○
:BIN:FLIMit:DEViation		
:BIN:FLIMit:DEViation?		○
:BIN:FLIMit:REFerence		
:BIN:FLIMit:REFerence?		○
:BIN:FLIMit:MODE		
:BIN:FLIMit:MODE?		
:BIN:FLIMit:PERcent		○
:BIN:FLIMit:PERcent?		○
:BIN:SLIMit:ABSolute		
:BIN:SLIMit:ABSolute?		○
:BIN:SLIMit:DEViation		
:BIN:SLIMit:DEViation?		○
:BIN:SLIMit:REFerence		
:BIN:SLIMit:REFerence?		○
:BIN:SLIMit:MODE		
:BIN:SLIMit:MODE?		
:BIN:SLIMit:PERcent		
:BIN:SLIMit:PERcent?		○
Comparator		
:COMParator		
:COMParator?		
:COMParator:FLIMit:ABSolute		
:COMParator:FLIMit:ABSolute?		○
:COMParator:FLIMit:DEViation		
:COMParator:FLIMit:DEViation?		○
:COMParator:FLIMit:MODE		
:COMParator:FLIMit:MODE?		
:COMParator:FLIMit:PERcent		
:COMParator:FLIMit:PERcent?		○
:COMParator:SLIMit:ABSolute		
:COMParator:SLIMit:ABSolute?		○
:COMParator:SLIMit:DEViation		
:COMParator:SLIMit:DEViation?		○
:COMParator:SLIMit:MODE		
:COMParator:SLIMit:MODE?		
:COMParator:SLIMit:PERcent		
:COMParator:SLIMit:PERcent?		○
Compensation		

:CORRection:OPEN	Not supported due to the different configuration (command error)	
:CORRection:OPEN?		
:CORRection:SHORT		
:CORRection:SHORT?		
:CORRection:LOAD		
:CORRection:LOAD?		
:CORRection:LOAD:FREQuency		
:CORRection:LOAD:FREQuency?		
:CORRection:LOAD:REFeRence		
:CORRection:LOAD:REFeRence?		
Monitor value		
:DISPlay:MONItor?	The response format is different.	
Event resister		
:ESE0	bit 7 is added	
:ESE0?	bit 7 is added	
:ESE1		
:ESE1?		
:ESR0?	bit 7 is added	
:ESR1?		
Frequency		
:FREQuency		
:FREQuency?		○
Header		
:HEADer		
:HEADer?		
Level		
:LEVel	Only V is supported.	
:LEVel?		
:LEVel:CCURRent	No function (command error)	
:LEVel:CCURRent?	No function (command error)	
:LEVel:CVOLTage	No function (command error)	
:LEVel:CVOLTage?	No function (command error)	
:LEVel:VOLTage		
:LEVel:VOLTage?		○
Limit		
:LIMiter	No function (command error)	
:LIMiter?	No function (command error)	
:LIMiter:CURRent	No function (command error)	
:LIMiter:CURRent?	No function (command error)	
:LIMiter:VOLTate	No function (command error)	
:LIMiter:VOLTate?	No function (command error)	
Panel load		
:LOAD		
Measurement data		
:MEASure?	Analyzer and continuous measurement are not supported. In case of comparator measurement, BIN measurement, or scaling measurement are used with LCR mode, it is necessary to turn off parameter2 and parameter4.	○
:MEASure:ITEM		○
:MEASure:ITEM?		○
Memory		
:MEMory?	Only a value format is supported. The output format is not compatible.	
:MEMory:CLEar		
:MEMory:COUNt?		
Parameter		
:PARAmeter#(#は1～4の数値)		
:PARAmeter#?(#は1～4の数値)		
:PARAmeter#:DIGit		
:PARAmeter#:DIGit?		
Range		
:RANGe	No function (command error)	
:RANGe?	No function (command error)	
:RANGe:AUTO	No function (command error)	
:RANGe:AUTO?	No function (command error)	
Panel save		
:SAVE		
:SAVE?		
Scaling		
:SCALe		
:SCALe?		
:SCALe:FVALue		
:SCALe:FVALue?		
:SCALe:SVALue		
:SCALe:SVALue?		
Speed		
:SPEED		○
:SPEED?		○
Trigger		
:TRIGger		
:TRIGger?		
:TRIGger:DELAy		
:TRIGger:DELAy?		○
User ID		
:USER:IDENtity	No function (discarded)	

:USER:IDENTity?	No function ("HIOKI3535" response in all cases)	
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