## 3532-50 Command compatibility table

Note: For details on each command, be sure to check the HTML communication instruction manual and communication instruction manual for 3532-50.

✓: Compatibility operation is executed only when the compatibility mode is ON (COMMand:COMPatible ON)

Command Remarks (Operation when compatibility is ON)  Compatibility mode  COMMand:COMPatible <on off=""> Common commands  *CLS  *ESR?  bit() (OPC) is added  *IDN?  Response: HIOKI,3532,50,Version No.  *RST  *TRG  *TRG  *TST?  Meaning of the response differs  *WAI  Display  APPLication:DISPlay:LIGHt  APPLication:DISPlay:MONitor  AVERaging  AUER Response in all cases)  AVERAGING  AVER</on>	Compat ibility
ICOMMandiCOMPatible < ON/OFF>       When compatibility is set to ON, the system is initialized to MEASITEM5,0 (Z, θ).         Common commands       *CLS         *ESR?       bit0 (OPC) is added         *IDN?       Response: HIOKI,3532,50,Version No.         *RST       *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)         AVERaging       Also set for DC         AVERaging?       BEEPer-COMParator         BEEPer-COMParator       BEEPer-KEY?         BEEPer-KEY       BEEPer-KEY?         Gable length       CABLe         CABLe?       COMParator:FLIMItABSolute         COMParator:FLIMItABSolute       COMParator:FLIMItABSolute         COMParator:FLIMIt.DEVistion       Response digit is same as 3532-50         COMParator:FLIMIt.DEVistion?       Response digit is same as 3532-50         COMParator:SLIMIt.HBCVistion?       Response digit is same as 3532-50         COMParator:SLIMIt.HDEVistion?       Response digit is same as 3532-50         COMParator:SLIMIt.HDEVistion?       Response digit is same as 3532-5	
ICOMMandiCOMPatible < ON/OFF>       When compatibility is set to ON, the system is initialized to MEASITEM5,0 (Z, θ).         Common commands       *CLS         *ESR?       bit0 (OPC) is added         *IDN?       Response: HIOKI,3532,50,Version No.         *RST       *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)         AVERaging       Also set for DC         AVERaging?       BEEPer-COMParator         BEEPer-COMParator       BEEPer-KEY?         BEEPer-KEY       BEEPer-KEY?         Gable length       CABLe         CABLe?       COMParator:FLIMItABSolute         COMParator:FLIMItABSolute       COMParator:FLIMItABSolute         COMParator:FLIMIt.DEVistion       Response digit is same as 3532-50         COMParator:FLIMIt.DEVistion?       Response digit is same as 3532-50         COMParator:SLIMIt.HBCVistion?       Response digit is same as 3532-50         COMParator:SLIMIt.HDEVistion?       Response digit is same as 3532-50         COMParator:SLIMIt.HDEVistion?       Response digit is same as 3532-5	incy
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:COMParator:SLIMit:PERcent :COMParator:SLIMit:PERcent? Response digit is same as 3532-50	
:COMParator:SLIMit:PERcent? Response digit is same as 3532-50	
	✓
:CORRection:DATA? No function (command error)	
:CORRection:OPEN Frequency setting range: 0(DC),4.00~8.00E+06	✓
:CORRection:OPEN? Frequency response range: 0(DC),4.00~8.00E+06	✓
:CORRection:SHORt Frequency setting range: 0(DC),4.00~8.00E+06	✓
:CORRection:SHORt? Frequency response range:0(DC),4.00~8.00E+06	✓
Monitor value	
:DISPlay:MONItor? Response: DC monitor value during DC measurement, AC monitor value in other cases	
Communication error	
:ERRor? No function (command error)	

ESR07	Event resister		
Frequency   Frequency setting range: 0(DC): 4.00~8.00E-06		hit7 (REF) is added	
Frequency		DICT (INELT) IS AUGEU	
FREQuency   Frequency setting range: 0(DC) 4.00~8.00E+06			
FREQuency   Frequency response range: 0(DC) A.00~8.00E+06		Frequency setting range: 0(DC) 4 00~8 00F+06	<b>√</b>
Header			·
HEADer		Triaquancy response range. 0(DO), 7.00 0.00E-00	
HEADer?			
DOUTPLUELLay   DOUT			
10.0UTPutDeLay?			
GOOUTPutDeLay?   GORESuitReSet   GORESuitReSet   GORESuitReSet   GORESuitReSet   GORESuitReSet?   GORESuitReSet?   GORESuitReSet?   GORESuitReSet?   GORESuitReSet?   GORESuitReSet?   GORESuitReSet?   GORESUITRESet?   GORESUITRESET   GOR			
10.RESultRESst			
10.RESUIT.RES.et?	•		
LEVel   LEVelP			
LEVel			
LEVelCOURRent			
LEVelCOURent   Setting range: 0.01E-03~50.00E-03			
LEVelCVOLTage		Setting range: 0.01E-03~50.00E-03	
LEVelcVOLTage			
LEVelcyOLTage			
LEVelYOLTage			
LEVelVOLTage?			
Limite Limiter Limiter Limiter() Lim			
LIMiter*   Setting range: 0.01E-03~100.00E-03     LIMiter*   CURRent*   Setting range: 0.01E-03~100.00E-03     LIMiter*   CURRENT*   Response range: 0.01E-03~100.00E-03     LIMiter*   CURRENT*   Seponse range: 0.00~9.99   SERSIENT*   Seponse range: 0.00~9.99   SERSIENT*   Seponse range: 0.00~9.99   SESERIENT*   Seponse range: 0.00~9.99   SESERIENT*   SESERIENT*   Seponse range: 0.00~9.99   SESERIENT*   SESERIENT*   Seponse range: 0.00~9.99   SESERIENT*   SESERI			
LIMiter*   Setting range: 0.01E-03~100.00E-03     LIMiter*   CURRent*   Setting range: 0.01E-03~100.00E-03     LIMiter*   CURRENT*   Response range: 0.01E-03~100.00E-03     LIMiter*   CURRENT*   Seponse range: 0.00~9.99   SERSIENT*   Seponse range: 0.00~9.99   SERSIENT*   Seponse range: 0.00~9.99   SESERIENT*   Seponse range: 0.00~9.99   SESERIENT*   SESERIENT*   Seponse range: 0.00~9.99   SESERIENT*   SESERIENT*   Seponse range: 0.00~9.99   SESERIENT*   SESERI			
LIMiter-CURRent   Setting range: 0.01E-03 ~ 100.00E-03     LIMiter-CURRent?   Response range: 0.01E-03 ~ 100.00E-03     LIMiter-VOLTage   LIMiter-VOLTage     LIMiter-VOLTage?   Panel load     LOAD			
LIMiter:CURRent?   Response range: 0.01E-03~100.00E-03     LIMiter:VOLTage		Setting range: 0.01E-03~100.00E-03	
LiMiter/VOLTage			
LIMiter/VOLTage?			
Panel load			
Measurement data  MEASure?  MEASureITEM  Bits after Rdc are invalid   MEASureITEM?  MEASureITEM?  MEASureITEM?  Parameter (# refers to a value from I to 4)  PARameter (# refers to a value from I to 4)  PARameter#  PARameter#  PARameter#DiGit  PARameter#DiGit?  Range  Range  RANGe  Also set for DC  RANGe?  RANGe:AUTO Also set for DC  RANGe:AUTO?  Panel save  SAVE  Up to 20 characters can be accepted as a panel name (first 10 characters are valid)  Scaling  SCALe: SCAL	Panel load		
MEASure	:LOAD		
MEASure:ITEM Bits after Rdc are invalid	Measurement data	<u> </u>	
MEASure:ITEM? Parameter (# refers to a value from 1 to 4)  PARameter#	:MEASure?		✓
Parameter (# refers to a value from   1 to 4)     PARameter#	:MEASure:ITEM	Bits after Rdc are invalid	✓
1 to 4    PARameter#			✓
PARameter#			
PARameter#?			
PARameter#:DIGit PARameter#:DIGit? PARameter#:DIGit? Range  #RANGe Also set for DC ✓ RANGe? RANGe:AUTO Also set for DC ✓ Panel save  SAVE Up to 20 characters can be accepted as a panel name (first 10 characters are valid)  Scaling  SCALe:	:PARameter#		✓
PARameter#:DIGit? Range  #RANGe			
Range RANGe Also set for DC   RANGe? RANGeAUTO Also set for DC   RANGe:AUTO? Panel save  SAVE Up to 20 characters can be accepted as a panel name (first 10 characters are valid)  Scaling Scale SCALe SCALe? SCALe:FVALue SCALe:FVALue SCALe:SVALue SCALe:SVALue SCALe:SVALue SCALe:SVALue TSCALE:SVALUE SCALE:SVALUE TRIGGER  SPEED Also set for DC SPEED Also set for DC Trigger TRIGGer TRIGGer TRIGGer TRIGGer Response range: 0.00~9.99  VESTIDENtity No function (discarded)			
RANGe Also set for DC  RANGe: RAIso set for DC Response: RANGe: R			
RANGe? RANGe:AUTO Also set for DC  V RANGe:AUTO? Panel save  Up to 20 characters can be accepted as a panel name (first 10 characters are valid)  Scaling SCALE SCALE SCALE SCALE: SCALE: SCALE:FVALUE SCALE:FVALUE SCALE:SVALUE SCALE:SVALUE SPEED Also set for DC SPEED Also set for DC Trigger TRIGger TRIGger TRIGger: TRIGger:DELAy TRIGger:DELAy TRIGGer:DELAy USER:IDENtity No function (discarded)			
RANGe:AUTO Also set for DC   RANGe:AUTO?  Panel save  SAVE		Also set for DC	✓
RANGe:AUTO? Panel save  SAVE  Up to 20 characters can be accepted as a panel name (first 10 characters are valid)  Scaling  SCALe  SCALe  SCALe?  SCALe:FVALue  SCALe:FVALue  SCALe:SVALue  SCALe:SVALue  SCALe:SVALue  SPEEd  Response: FAST/ NORMal/ SLOW/ SLOW2  Trigger  TRIGger  TRIGger?  TRIGger?  TRIGger:DELAy  TRIGger:DELAy?  USER:IDENtity  No function (discarded)			
Panel save  :SAVE  Up to 20 characters can be accepted as a panel name (first 10 characters are valid)  Scaling  :SCALe  :SCALe  :SCALe: SCALe: SCALe		Also set for DC	✓
SAVE Up to 20 characters can be accepted as a panel name (first 10 characters are valid)  Scaling  SCALe  SCALe  SCALe?  SCALe:FVALue  SCALe:FVALue?  SCALe:SVALue  SCALe:SVALue  SCALe:SVALue  SCALe:SVALUe  SCALe:SVALUe  SPEEd  Also set for DC  SPEEd?  Response: FAST/ NORMal/ SLOW/ SLOW2  Trigger  TRIGger?  TRIGger?  TRIGger?  TRIGger:DELAy?  Response range: 0.00∼9.99  V USER:IDENtity  No function (discarded)			
Scaling   ScALe   SVALue   SCALe	Panel save		
SCALe   SCALe?   SCALe:FVALue   SCALe:FVALue   SCALe:FVALue?   SCALe:SVALue   SCALe:SVALue   SCALe:SVALue   SCALe:SVALue   SCALe:SVALue?   SPEEd   Also set for DC   ✓ SPEEd?   Response: FAST/ NORMal/ SLOW/ SLOW2   ✓ Trigger   STRIGger   STRIGger?   STRIGger:DELAy   STRIGger:DELAy?   Response range: 0.00~9.99   ✓ User ID   SCALE:SVALue   SCALE:SVA	:SAVE		<b>✓</b>
SCALe: FVALue   SCALe: FVALue   SCALe: FVALue   SCALe: SVALue   SCALe: SCAl	Scaling		
SCALe:FVALue   SCALe:FVALue   SCALe:SVALue   SCALe:SVALue   SCALe:SVALue   SCALe:SVALue   SCALe:SVALue   SCALe:SVALue   SCALe:SVALue?   SPEEd   Also set for DC   ✓ SPEEd   Response: FAST / NORMal / SLOW / SLOW2   ✓ SPEEd   TRIGger   STRIGger   STRIGger   STRIGger   STRIGger   STRIGger   STRIGger:DELAy   Stringstructure   Stringstru			
:SCALe:FVALue?       :SCALe:SVALue         :SCALe:SVALue?       :SPEEd         Speed       :SPEEd?         :SPEEd?       Response: FAST/ NORMal/ SLOW/ SLOW2         Trigger       :TRIGger         :TRIGger?       :TRIGger:DELAy         :TRIGger:DELAy?       Response range: 0.00~9.99         User ID       :USER:IDENtity			
SCALe:SVALue?  Speed  SPEEd Also set for DC ✓  SPEEd? Response: FAST/ NORMal/ SLOW/ SLOW2 ✓  Trigger  :TRIGger  :TRIGger?  :TRIGger:DELAy  TRIGger:DELAy? Response range: 0.00~9.99 ✓  USER:IDENtity No function (discarded)			
:SCALe:SVALue?       Speed         :SPEEd       Also set for DC       ✓         :SPEEd?       Response: FAST/ NORMal/ SLOW/ SLOW2       ✓         Trigger       :TRIGger          :TRIGger?       :TRIGger:DELAy          :TRIGger:DELAy?       Response range: 0.00~9.99       ✓         User ID       :USER:IDENtity       No function (discarded)			
Speed           :SPEEd         Also set for DC         ✓           :SPEEd?         Response: FAST/ NORMal/ SLOW/ SLOW2         ✓           Trigger           :TRIGger         :TRIGger?           :TRIGger:DELAy         :TRIGger:DELAy?           User ID         :USER:IDENtity           No function (discarded)			
SPEEd Also set for DC  SPEEd? Response: FAST/ NORMal/ SLOW/ SLOW2  Trigger  :TRIGger :TRIGger? :TRIGger:DELAy :TRIGger:DELAy? Response range: 0.00~9.99  USER:ID :USER:IDENtity No function (discarded)			
:SPEEd? Response: FAST/ NORMal/ SLOW/ SLOW2  Trigger  :TRIGger  :TRIGger?  :TRIGger:DELAy  Response range: 0.00~9.99  User ID  :USER:IDENtity  No function (discarded)			
Trigger           :TRIGger           :TRIGger?           :TRIGger:DELAy           :TRIGger:DELAy?           Response range: 0.00~9.99           User ID           :USER:IDENtity           No function (discarded)			
:TRIGger         :TRIGger?           :TRIGger:DELAy         :TRIGger:DELAy?           :TRIGger:DELAy?         Response range: 0.00~9.99         ✓           User ID         :USER:IDENtity         No function (discarded)		Response: FAST/ NORMal/ SLOW/ SLOW2	✓
:TRIGger?         :TRIGger:DELAy           :TRIGger:DELAy?         Response range: 0.00~9.99         ✓           User ID         :USER:IDENtity         No function (discarded)         ✓			
:TRIGger:DELAy :TRIGger:DELAy? Response range: 0.00~9.99 ✓ User ID :USER:IDENtity No function (discarded)			
:TRIGger:DELAy? Response range: 0.00~9.99 ✓ User ID :USER:IDENtity No function (discarded)			
User ID   No function (discarded)			
:USER:IDENtity No function (discarded)		Response range: 0.00~9.99	✓
		I.,	
:USER:IDENtity? No function ("HIOKI3532" response in all cases)			
	:USER:IDENtity?	No function ("HIOKI3532" response in all cases)	