

# TDS 5000, 6000, 7000 Command Comparison

Dated: March 12, 2003

Command	TDS5000	TDS6000	TDS70xx	TDS71xx	TDS74xx
AUTOSET EXECUTE VIDEO, VLines, VFields	Yes	No	No	No	No
:DATA:FRAMESTART	Yes	No	Yes	Yes	Yes
:DATA:FRAMESTOP	Yes	No	Yes	Yes	Yes
:DISPLAY:FORMAT XYZ	Yes	No	Yes	Yes	Yes
:FASTAcq commands (all)	Yes	No	Yes	Yes	Yes
:HORIZONTAL:FASTframe commands (all)	Yes	No	Yes	Yes	Yes
:HORIZONTAL:ROLL OFF   ON   AUTO	Yes	No	Yes	Yes	Yes
ROSc:SOURce	No	Yes	Not on TDS7054 with SN before B04* group	Not on TDS7104 with SN before B05* group	Yes
ROSc:State?	No	Yes	Not on TDS7054 with SN before B04* group	Not on TDS7104 with SN before B05* group	Yes
TRIGger:A:HOLDoff:BY RANDOM	No	Yes	Not on the TDS7054	Not on the TDS7104	Yes
Video Trigger commands	Yes	No	No	No	No
:WFMInpre:NR_FR	Yes	No	Yes	Yes	Yes
:WFMOutpre:NR_FR	Yes	No	Yes	Yes	Yes
<b>Only with the TDS SM option or CSA7000 series:</b>					
:MASK commands (all)	No	Yes	Yes	Yes	Yes

# TDS 5000, 6000, 7000 Command Comparison

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Command	TDS5000	TDS6000	TDS70xx	TDS71xx	TDS74xx
The following arguments in:					
:MEASUrement:(IMMed MEAS<x>):T					
YPe DISTDUTY   EXTINCTDB					
EXTINCTPCT   EXTINCTRATIO					
EYEHeight   EYEWidth   PBASe					
PCTCRoss   PKPKJitter   PKPKNoise					
PTOp   QFACTOR   RMSJitter					
RMSNoise   SIXSigmajit   SNRatio	No	Yes	Yes	Yes	Yes
:RECAI:MASK ""	No	Yes	Yes	Yes	Yes
:SAVe:MASK ""	No	Yes	Yes	Yes	Yes
:TRIGger:A:COMMunication					
commands (all)	No	Yes	Yes	Yes	Yes
:TRIGger:A:COMMunication:SOUrce	No	Yes	Yes	Yes	Yes
:TRIGger:A:COMMunication:SOUrce:					
TYPe	No	Yes	Yes	Yes	Yes
<b>Only with the TDS option ST or CSA7000 series:</b>					
:TRIGger:A:SERIAL commands (all)	No	Yes	Yes (except not on TDS7054)	Yes (except not on TDS7104)	Yes
:TRIGger:A:TYPe SERIAL	No	Yes	Yes (except not on TDS7054)	Yes (except not on TDS7104)	Yes