

# Tektronix Supported Printers

For the MSO4000, MSO3000, MSO2000, DPO4000, DPO3000, DPO2000, TDS3000C, TDS3000B, TDS3000, TDS2000B, TDS2000, TDS1000B, TDS1000 and TDS200 Series oscilloscopes

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[www.tektronix.com/products/oscilloscopes/supported\\_printers.pdf](http://www.tektronix.com/products/oscilloscopes/supported_printers.pdf)

## Supported Printers by Oscilloscope Series (\*see footnotes for additional information)

Printer Model/Type	<sup>6</sup> DPO3000 <sup>6</sup> DPO4000 <sup>6</sup> MSO3000 <sup>6</sup> MSO4000 Series	<sup>7</sup> TDS3000C Series	TPS2000 Series	DPO2000 MSO2000 TDS1000B TDS2000B Series	Interface
<sup>1</sup> Any Manufacturer, Any Model of PictBridge® compatible printers	"PictBridge compatible"	No	No	"PictBridge compatible"	USB (device)
Network capable printer: Postscript-capable printer attached to a LPR/LPD- compatible print server	Yes	Yes	No	No	LAN
<b>Note: Host-based printers are not supported for network printing</b>					
Brother: HL-630	No	No	"LaserJet"	No	Centronics
Canon Bubble Jet: BJC-50 BJC-80 BJC-4000	No	No	"Bubble Jet"	No	Centronics
Canon Bubble "S": S450 S530 S630	No	No	"S530/S630"	No	Centronics
Epson: RX-80 <sup>2</sup> Stylus 800 <sup>2</sup> Stylus Color 440 <sup>2</sup> Stylus Color 600 <sup>2</sup>	No	No	"Epson Dot Matrix"	No	Centronics
Epson: Stylus C60 Stylus C62	Yes	No	"Epson C60"	No	DPO3000/DPO4000/ MSO3000/MSO4000: USB(host), TPS2000: Centronics

Epson: Stylus C80 Stylus C84	No	No	"Epson C80"	No	Centronics
Epson: Stylus C82	Yes	No	No	No	USB (host)
Epson: Stylus C86 <sup>3</sup>	No	No	"Epson C80"	No	Centronics
HP Business Inkjet: 910, 915 1000, 1100, 1100d, 1100dtn 1200, 1200d, 1200dtn, 1200dtnw 2200, 2200se, 2200xi, 2230 2250, 2250tn, 2280, 2280tn 2300, 2300dtn, 2300n, 2600 2600dn, 2800, 2800dt, 2800dtn 3000, 3000dtn, 3000n	Yes	No	No	No	USB (host)
HP Color Inkjet: CP1160 CP1700, CP1700d, CP1700ps	Yes	No	No	No	USB (host)
HP Color Laserjet: 5, 5M 2500L, 2500Lse, 2500n, 2500tn 2550, 2550L, 2550Ln 2605, 2605dn, 2605dtn 2700, 2700n 2800, 2820, 2830, 2840 3000, 3000dn, 3000dtn, 3000n 3500, 3500dn, 3500dtn, 3500n 3550, 3550n 3600, 3600dn, 3600n 3700, 3700n, 3700dtn, 3700dn 3800, 3800dn, 3800dtn, 3800n 4500, 4500dn 4550, 4550dn, 4550hdn, 4550n 4600, 4600dn, 4600dtn, 4600hdn 4600n, 4610, 4650, 4650dn 4650dtn, 4650hdn, 4650n 4700n, 4700dn, 4700dtn 4700n, 4700ph+ 4730mfp, 4730x mfp 4730xm mfp, 4730xs mfp 5500, 5500n, 5550, 5550n 5550dn, 5550dtn, 5550hdn 8500, 8500dn, 8500n, 8550 8550dn, 8550gn, 8550mfp 8550mn 9500, 9500gp, 9500hdn 9500n, 9500mfp CM1015, CM1017 CM4730MFP, CP3505 CM8050MFP, CM8060MFP CP4005, CP4005n, CP4005dn	Yes	No	No	No	USB (host)
HP DeskJet: 3820 540 5650 6122 697 840C 895 970Cse	No	No	"Deskjet"	No	Centronics
HP DeskJet: 350c, 350cbi 450, 450cbi, 450ci, 450wbt 460c, 460cb, 460wbt, 460wf 630c, 632c, 640c, 640u, 642c	Yes and underlined models are "PictBridge compatible"	No	No	Underlined models are "PictBridge compatible"	USB (host), For PictBridge - USB (device)

648c, 656c, 690c, 690c Plus  
 692c, 692k, 693c, 694c, 695c  
 697c  
 825c, 825cvr, 845c, 845cvr  
 895c, 895cse, 895cxi  
 916c, 920c, 920cw, 920cvr,  
 920cxi, 930c, 930cm, 932c, 933c  
 934c, 935c, 940c, 940cvr, 940cw  
 940cxi, 948c, 950c, 952c, 955c  
 957c, 959c, 960c, 960cse  
 960cx9, 970c, 970cse, 970cxi  
 975c, 975cse, 975cxi, 980c  
 990c, 990cm, 990cse, 990cxi  
 995c, 995ck  
 1220c, 1220cse, 1220cxi, 1280  
 3320, 3320v, 3323, 3325  
 3420, 3420v, 3425, 3450  
 3500, 3520, 3520v, 3520w  
 3535, 3538, 3550, 3550v, 3558  
 3600, 3620, 3645, 3647, 3650  
 3651, 3652, 3653, 3658, 3668  
 3740, 3743, 3744, 3745, 3745v  
 3747, 3748  
 3810, 3816, 3818, 3819, 3820  
 3820v, 3820w, 3822, 3843  
 3844, 3845, 3845xi, 3847, 3848  
 3870  
 3900, 3910, 3915, 3918, 3920  
 3930, 3930v, 3938, 3940, 3940v  
 5100, 5145, 5150, 5150v, 5150w  
 5151, 5160, 5168  
 5420v, 5432, 5438, 5440, 5440v  
5440xi, 5442, 5443  
 5550, 5551, 5552  
 5600, 5650, 5650v, 5650w, 5652  
 5655  
 5700, 5740, 5740xi, 5743, 5745  
 5748  
 5800, 5850, 5850w  
5938, 5940, 5940xi, 5943  
 6120, 6122, 6127  
 6500, 6520, 6520xi, 6540  
 6540d, 6540dt, 6540xi, 6543  
 6543d, 6548  
 6600, 6620, 6620xi, 6623, 6628  
 6800, 6830v, 6840, 6840dt  
6840xi, 6843, 6848  
 6940, 6940dt, 6980, 6980dt  
 9300  
 9600, 9650, 9670, 9680, 9680gp  
 9800, 9800d, 9803, 9803d, 9808  
 9808d, 9860, 9868  
 D1311, D1320, D1330, D1341,  
 D1360  
 D1400  
 D2320, D2330, D2345, D2360,  
 D2400  
 D4145, D4155, D4160, D4163,  
 D4200  
 F300, F340, F370, F375, F380  
 F2100  
 F4100

HP LaserJet: II 1100 5L 5MP	No	No	"LaserJet"	No	Centronics
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HP LaserJet: 5MP, 5P, 5si, 5si hm, 5si mx 5si nx 6MP, 6MP se, 6MP xi, 6P 1010, 1012, 1015, 1018, 1020, 1022, 1022n, 1022nw 1150, 1160, 1160Le 1200, 1200se, 1200n, 1220,	Yes	No	No	No	USB (host)
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1220se  
 1300, 1300t, 1300n, 1300xi  
 1320, 1320n, 1320nw, 1320t  
 1320tn  
 2100, 2100m, 2100se, 2100tn  
 2100xi  
 2200, 2200d, 2200dn, 2200dse  
 2200dt, 2200dtn  
 2300, 2300d, 2300dtn, 2300L  
 2300n, 2300tn  
 2410, 2420, 2420d, 2420dn  
 2420n, 2430, 2430dtn, 2430n  
 2430t, 2430tn  
 3015, 3020, 3030, 3050, 3052  
 3055  
 3200, 3200M, 3200se  
 3300mfp, 3310, 3320, 3320mfp  
 3320n mfp, 3330, 3380, 3390  
 3392  
 4050, 4050n, 4050se, 4050t  
 4050tn  
 4100, 4100dtn, 4100n, 4100tn  
 4100mfp, 4101mfp, 4150  
 4200, 4200L, 4200Ln, 4200Lvn  
 4200dtn, 4200dtns, 4200dtnsL  
 4200n, 4200tn, 4240, 4240n  
 4250, 4250dtn, 4250dtnsL  
 4250n, 4250tn  
 4300, 4300dtn, 4300dtns  
 4300dtnsL, 4300n, 4300tn  
 4345mfp, 4345x mfp  
 4345xm mfp, 4345xs mfp, 4350  
 4350dtn, 4350dtnSL, 4350n  
 4350tn  
 5000, 5000Le, 5000dn, 5000gn  
 5000n  
 5100, 5100dtn, 5100se, 5100tn  
 5200, 5200n, 5200tn, 5200dtn  
 5200L  
 8000, 8000dn, 8000mfp, 8000n  
 8100, 8100dn, 8100n, 8100mfp  
 8150, 8150dn, 8150hn, 8150mfp  
 8150n  
 9000, 9000dn, 9000hnf  
 9000hns, 9000mfp, 9000n  
 9000L mfp, 9040d, 9040dn  
 9040mfp, 9050, 9050d, 9050dn  
 9050mfp, 9055mfp, 9065mfp  
 M3027, M3027x, M3035  
 M3035xs  
 M4345, M4345x, M4345xm  
 M4345xs  
 M5025, M5035, M5035x  
 M5035xs  
 P2010, P2015, P2015d, P2015dn  
 P2015n, P2015x  
 P3004, P3005, P3005d, P3005dtn  
 P3005n, P3005x

HP OfficeJet:	Yes and underlined	No	No	Underlined models are "PictBridge compatible"	USB (host), For Pictbridge - USB (device)
4100, 4105, 4110, 4110v, 4110xi 4115	models are "PictBridge compatible"				
4200, 4212, 4215, 4215v, 4215xi 4219, 4255					
4311, 4312, 4314, 4315, 4315v 4315xi, 4317, 4319, 4352, 4353 4355, 4357, 4359					
5100, 5105, 5110, 5110v 5110xi					
5505, 5508, 5510, 5510v, 5510xi 5515					
5600, 5605, 5608, 5609, 5610 5610v, 5610xi, 5615					
6105, 6110, 6110v, 6110xi 6150					
<u>6210</u> , <u>6210v</u> , <u>6210xi</u> , <u>6213</u> <u>6215</u>					
<u>6310</u> , <u>6310xi</u>					

7100, 7110, 7110xi, 7115, 7130  
 7130xi, 7135xi, 7140xi  
7210, 7210v, 7210xi, 7213  
7310, 7310xi, 7313  
7410, 7410xi, 7413  
 9110, 9120, 9130  
 d125xi, d135, d135xi, d145  
 d145xi, d155xi  
 G95  
 J3600, J5500, J5700  
 K60, K60xi, K80, K80xi  
 v30, v40, v40S, v40xi, v45  
 K550, K550dtn, K550dtwn  
 K850, K850dn  
 K5300, K5400, K7100, K8600  
 L7300, L7500, L7600, L7700

HP Photosmart:

P1000	No	No	"Deskjet"	No	Centronics
P1115					

HP Photosmart:

100, 130, 130v, 130xi, 140, 145 145v, 145xi, 148 230, 230v, 230xi, 240, 245, 245v 245xi 320, <u>325</u> , <u>325v</u> , <u>325xi</u> , 329 330, <u>335</u> , <u>335v</u> , <u>335xi</u> , 337 370, <u>375</u> , <u>375v</u> , <u>375xi</u> , 375B 375Bxi <u>385</u> , <u>385v</u> , <u>385xi</u> 420, <u>422</u> , 422v, 422xi, <u>425</u> , 425v <u>428</u> , 428v, 428xi 470, <u>475</u> , 475v, 475xi <u>2573</u> , <u>2575</u> , <u>2575v</u> , <u>2575xi</u> 2710, 2710xi, 2713 <u>3110</u> , <u>3110v</u> <u>3210</u> , 3210a, <u>3210v</u> , <u>3210xi</u> <u>3213</u> , <u>3214</u> <u>3308</u> , <u>3310</u> , <u>3310xi</u> , <u>3313</u> , <u>3314</u> 7150, 7150v, 7155w 7260, 7260v, 7260w, 7268 7350, 7350v 7450, 7450v, 7450xi, 7458 7459 7550, 7550v, 7550w 7660, 7665 7755, 7760, 7760od, 7760v 7760w, 7762 7830, 7838, <u>7850</u> , 7850v, 7850xi <u>7853</u> 7960, 7960gp, 7960v, 7960w 8030, 8038, 8049, <u>8050</u> , 8050v 8050xi, <u>8053</u> <u>8150</u> , <u>8150v</u> , <u>8150xi</u> , <u>8153</u> <u>8158</u> 8230, 8238, <u>8250</u> , 8250v, 8250xi <u>8253</u> <u>8450</u> , 8450gp, <u>8450v</u> , <u>8450xi</u> <u>8453</u> , <u>8458</u> <u>8750</u> , <u>8750gp</u> , <u>8750xi</u> , <u>8753</u> <u>8758</u> <u>A310</u> A320 <u>A430</u> , <u>A432</u> , <u>A433</u> , <u>A434</u> , A435 <u>A440</u> <u>A510</u> , <u>A512</u> , <u>A516</u> <u>A520</u> A610, A612, <u>A616</u> , <u>A617</u> <u>A620</u> A710, <u>A712</u> , <u>A716</u> , <u>A717</u> C3110, C3125, C3135, C3140 C3150, C3180, C3183, C3190 C4110, C4140, C4150, C4180 C4183, C4188 C4200 C4380	Yes and underlined models are "PictBridge compatible"	No	No	Underlined models are "PictBridge compatible"	USB (host), For Pictbridge - USB (device)
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C5140, C5150, C5180, C5185  
 C5188  
 C5200  
 C6100, C6150, C6180, C6185  
C6188  
 C6200  
 C7100, C7150, C7180, C7185  
 C7200  
C8100  
 D5060, D5065, D5069  
 D5100, D5145, D5155, D5160  
D5168  
 D5300  
D6160  
D7145, D7155, D7160, D7168  
D7200  
 D7300, D7345, D7355, D7360  
D7368  
D7200  
 P1000, P1100  
 B8300, B8330, B8338, B8350  
 B8353

<b>HP PSC All-in-one Series:</b>	Yes and underlined models are "PictBridge compatible"	No	No	Underlined models are "PictBridge compatible"	USB (host), For Pictbridge - USB (device)
720, 750, 750xi, 760 950, 950vr, 950xi 1110, 1110v, 1118 1200, 1205, 1209, 1210, 1210v 1210xi, 1215, 1216, 1217, 1219 <u>1300</u> , 1310, 1311, <u>1317</u> , <u>1318</u> 1401, 1402, 1410, 1410v, 1410xi 1417 <u>1503</u> , <u>1504</u> , <u>1507</u> , <u>1508</u> , <u>1510</u> <u>1510v</u> , <u>1510xi</u> , 1513, 1513s <u>1600</u> , <u>1610</u> , <u>1610xi</u> , <u>1613</u> 2105, 2108, 2110, 2115, 2150 2170, 2171, 2175, 2175v, 2175xi 2179 2200, 2210, 2210v, 2210xi <u>2350</u> , <u>2353</u> , <u>2355</u> , 2355p, <u>2355v</u> <u>2355xi</u> 2400, 2410, 2410v, 2410xi 2500, 2510, 2510xi, 2550					

<b>HP:</b> Thinkjet	No	No	"ThinkJet"	No	Centronics
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<b>HP Others:</b> 1100d	No	No	"Deskjet"	No	Centronics
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<b>HP Others:</b> Mopier 240/320	Yes	No	No		USB (host)
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<b>Panasonic:</b> KX-P1124 KX-P1180	No	No	"Epson Dot Matrix"	No	Centronics
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<b>Samsung:</b> ML-1250	No	No	"LaserJet"	No	Centronics
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<b>Seiko:</b> DPU-411	No	No	"DPU411"	No	Centronics, RS232
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<b>Seiko:</b> DPU-412	No	No	"DPU412"	No	Centronics, RS232
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<b>Seiko:</b> DPU-4144 <sup>4</sup>	No	No	"DPU411"	No	Centronics, RS232
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<b>Seiko</b>	No	No	"DPU3445"	No	RS232
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<b>DPU-3445<sup>5</sup></b>					
<b>Tektronix: HC-200</b>	No	No	"Epson Dot Matrix"	No	Centronics

**<sup>1</sup>PictBridge compatible Notes:**

For an official list printer models certified by CIPA (Camera and Imaging Association) please see: [http://www.cipa.jp/pictbridge/CertifiedModels/PictBridgeCertifiedModels\\_E.html](http://www.cipa.jp/pictbridge/CertifiedModels/PictBridgeCertifiedModels_E.html). This list is subject to change and does not list all PictBridge compatible printer models. – Note: HP Color Laserjet CP1518ni is not compatible with the TDS1000B/TDS2000B series.

**<sup>2</sup>RX-80, Stylus 800, Stylus Color 440, Stylus Color 600 Notes:**

The driver used by each scope family renders black and white hardcopies, only.

**<sup>3</sup>C86 Notes:**

This printer has not been fully qualified by Tektronix. Partial testing has verified limited operation for the scope family indicated. Partial testing means that at least one hardcopy was generated with the following scope settings: InkSaver on, Portrait Layout, maximum waveforms are on, Math waveform on, Reference waveforms on, and menu showing Printer Port and Printer Format.

**<sup>4</sup>DPU-414 Notes:**

To print out software dip switch settings, press/hold "ON LINE" during power on. To change software dip switch settings choose "ON LINE" (1) or "LINE FEED" (0). Defaults for Parallel operation: Dip SW1: 11101011, Dip SW2: 11111111, Dip SW3: 11110111. Defaults for Serial operation: Dip SW1: 01101011, Dip SW2: 11111111, DipSW3: 11110111. Set RS-232 Oscilloscope settings: Baud = 9600, Flow Control = Hard Flagging, EOL = CR, Parity = None.

**<sup>5</sup>DPU-3445 Notes:**

All hardcopies will print in Landscape orientation regardless of format (portrait/landscape) selection.

**<sup>6</sup>DPO3000, DPO4000, MSO3000, MSO4000 Series Notes:**

USB (host) port printer support listed here requires Printer Pack 3. Printer pack 3 is available with the newest version of firmware for each series. PictBridge printing via the USB (device) port requires firmware version 1.20 or newer for DPO3000, MSO3000 series and firmware version 2.28 or newer for DPO4000, MSO4000 series. To check if a newer version of firmware is available, go to Tektronix web site: [www.tektronix.com/software](http://www.tektronix.com/software).

**<sup>7</sup>TDS3000C Series Notes:**

Direct printing to Centronic printers supported on the TDS3000B series may be supported on the TDS3000C series with the use of a print server (for example D-Link DP-301P+). Printer support will vary depending print server.

**Supported Data Formats by Oscilloscope Series**

Data Format	Expanded Mnemonic	DPO2000 MSO2000 DPO3000 DPO4000 MSO4000 Series	TDS3000C Series	TPS2000 Series	TDS1000B TDS2000B Series
<b>BMP</b>	PC "Bit Map"	".bmp"	"BMP Mono Windows mono image file format" or "BMP Color Windows color image file format"	"BMP"	"BMP"
<b>EPS</b>	Encapsulated Post Script	No	"EPS Mono Encapsulated Postscript mono image" or "EPS Color Encapsulated Postscript color"	"EPSIMAGE"	"EPSIMAGE"

			image"		
<b>Interleaf</b>	Interleaf	No	"Interleaf .img image object file format"	No	No
<b>JPEG</b>	Joint Photographic Experts Group	No	No	No	"JPEG"
<b>PCX</b>	PC Paintbrush	No	"PCX Mono PC Paintbrush mono image file format" or "PCX Color PC Paintbrush color image file format"	"PCX"	"PCX"
<b>PNG</b>	Portable Network Graphics	".png"	"PNG Portable Network Graphics"	No	No
<b>RLE</b>	Run Length Encoded	No	"RLE Color Windows color image file format"	"RLE"	"RLE"
<b>TIFF</b>	Tag Image File Format	".tif"	"TIFF Tag Image File Format"	"TIFF"	"TIFF"

### Supported Data Interfaces by Oscilloscope Series

Interface, Direct Storage Media, External Display	DPO3000 DPO4000 MSO3000 MSO4000 Series	DPO2000 MSO2000 Series	TDS3000C Series	TPS2000 Series	TDS1000B TDS2000B Series
<b>USB (device)</b>	Supports: PC communication, PictBridge® printers	Supports: PC communication, PictBridge® printers	No	No	Supports: PC communication, PictBridge® printers
<b>USB (host)</b>	Supports: USB printers, USB flash drives	Supports: USB flash drives	Supports: USB flash drives	No	Supports: USB flash drives
<b>Ethernet</b>	Standard 10/100 Base-T	<b>Option:</b> DPO2CONN	Standard 10 Base-T	No	No
<b>GPIB</b>	<b>Option:</b> TEK-USB-488	<b>Option:</b> TEK-USB-488	<b>Option:</b> TDS3GV	No	<b>Option:</b> TEK-USB-488
<b>RS-232</b>	No	No	<b>Options:</b> TDS3GV TDS3VM	Standard	No
<b>CompactFlash™ (Type 1)</b>	Standard	No	No	Standard	No
<b>External VGA Monitor</b>	Standard	<b>Option:</b> DPO2CONN	<b>Options:</b> TDS3GV TDS3VM	No	No
<b>Centronics Parallel</b>	No	No	No	Standard	No



## General Information

The supported printers list is not an exhaustive list.

The capitalization and spelling of the different printers and printer families (noted in quotes, "") are replicated as they appear in the actual oscilloscope family menus.

"Yes" is used if printer support has been verified, but the oscilloscope does not have an explicit list of printer drivers. "No" is used if there is no menu selection that will work with a particular printer for a particular oscilloscope family, or if the printer operation has not been verified.

### **DPO3000, DPO4000, MSO3000, MSO4000 Series Printer Selection:**

To set up a USB printer, connect the printer to a USB host port on the rear or front panel of the oscilloscope. Push the front panel "Utility" button. Then push the "Utility Page" bottom bezel button and turn the multipurpose knob a until "Print Setup" is selected. If you want to change the default printer, push "Select Printer" and turn the multipurpose knob a to scroll through the list of available printers. Push "Select" to choose the desired printer. To add a USB printer to the list, plug the printer into a USB host port. The oscilloscope will automatically recognize it.

To setup a PictBridge printer, connect the printer to the USB device port on the rear of the oscilloscope. Push the front panel "Utility" button. Then push the "Utility Page" bottom bezel button and turn the multipurpose knob a until "Print Setup" is selected. Push "Select Printer" and turn the multipurpose knob a to scroll through the list of available printers until "PictBridge" is highlighted. Push "Select" to choose this printer.

To set up a networked printer, connect the scope to the network via the rear-panel Ethernet port. Press the front panel "Utility" button and push the "System" bottom bezel button until "Print Setup" is selected. Press the "Select Printer" horizontal bezel button and press the "Add Network Printer" side bezel button. Using the multipurpose knob and the horizontal bezel buttons, specify the printer name, server name, and server IP address.

### **TDS3000C Series Printer Selection:**

To select the desired printer for the TDS3000C, press the front panel "Utility" button and push the "System" bottom bezel button to select "Hard Copy", then press the "Format" bezel button. A list of printer menu choices will become visible next to the vertical bezel buttons, including a "more" button which will show you 6 separate menu pages of printer menu and data format choices. Choose the specific printer menu selection from the Supported Printers table.

To setup a networked printer, connect the scope to the network via the rear panel Ethernet port. Press the front panel "Utility" button and push the "System" bottom bezel button to select "I/O". Push the "Ethernet Printer Settings" bottom button. Push the "Add Printer" side bezel button. The scope will display the Add Printer screen. Use the Add Printer screen menu items and controls to enter the network printer information. Push the OK Accept side button to store the settings.

### **TDS3000, TDS3000B Series Printer Selection:**

To select the desired printer for the TDS3000B/TDS3000, press the front panel "Utility" button push the "System" bottom bezel button to select "Hard Copy", then press the "Format" bezel button. A list of printer menu choices will become visible next to the vertical bezel buttons, including a "more" button which will show you 6 separate menu pages of printer menu and data format choices. Choose the specific printer menu selection from the Supported Printers table.

To setup a networked printer, connect the scope to the network via the rear panel Ethernet port. Press the front panel "Utility" button and push the "System" bottom bezel button to select "I/O". Push the "Ethernet Printer Settings" bottom button. Push the "Add Printer" side bezel button. The scope will display the Add Printer screen. Use the Add Printer screen menu items and controls to enter the network printer information. Push the OK Accept side button to store the settings.

### **TPS2000 Series Printer Selection:**

The TPS2000 series scopes come with a standard Centronics and RS232 interface. To select the desired printer for the TPS2000 press the front panel "Utility" button followed first by the Options button on the vertical bezel, then press Printer Setup. Press "Printer Port" and "Printer Format" to cycle through all printers and all data formats. Notice that the menu selection, "Print Button" must be set to "Prints". Choose the specific printer menu selection from the Supported Data Interfaces Table.

In addition, this scope family includes a standard Type 1 CompactFlash™ interface. Printer support can be directly expanded by storing screen shots onto the CompactFlash™, then moving the CompactFlash™ to a printer which also accepts the Type 1 CompactFlash™. Tektronix has tested this method with a Hewlett Packard printer which also accepts the Type 1 CompactFlash™. Files need to be saved to CompactFlash™ in TIFF Printer Format for Hewlett Packard printers with Type 1 CompactFlash™ readers to be able to print the file. Notice that the Print menu selection, "Print Button" must be set to "Saves Image To File" or "Saves All To Files" to initiate storage. You may use the similar procedure

within the SAVE/RECALL menu under "Save All" or "Save Image". Caution: Within the printer, some information loss may occur due to automatic cropping; if possible, disable automatic cropping.

**DPO2000, MSO200, TDS2000B, TDS1000B Series Printer Selection:**

No printer selection is required on a TDS2000B and TDS1000B series oscilloscope. Simply connect the PictBridge compatible printer into the USB device port on the rear of the instrument.

**TDS2000, TDS1000 , TDS200 Series Printer Selection:**

The instrument must have one of the following Communications Options to be able to print: TDS2MEM, TDS2CMAX, TDS2CMA, TDS2CM, TDS2MM, or TDS2HM. Please see the Supported Data Interfaces table to determine appropriate communications option for your instrument. To select the desired printer for the TDS1000/2000/200 press the front panel "Utility" button followed first by the Options button on the vertical bezel, then press Hardcopy Setup. Now, repeatedly pressing the Format button will cycle through all printers and all data formats. Choose the appropriate printer menu selection from the Supported Data Interfaces table.

The TDS2MEM option includes a standard Type 1 CompactFlash™ interface. Printer support can be directly expanded by storing screen shots onto the CompactFlash™, then moving the CompactFlash™ to a printer which also accepts the Type 1 CompactFlash™. Tektronix has tested this method with a Hewlett Packard printer which also accepts the Type 1 CompactFlash™. Files need to be saved to CompactFlash™ in TIFF Printer Format for Hewlett Packard printers with Type 1 CompactFlash™ readers to be able to print the file. Notice that the Print menu selection, "Print Button" must be set to "Saves Image To File" or "Saves All To Files" to initiate storage. You may use the similar procedure within the SAVE/RECALL menu under "Save All" or "Save Image". Caution: Within the printer, some information loss may occur due to automatic cropping; if possible, disable automatic cropping.

Supported Printers by **Discontinued** Oscilloscope Series (\*see footnotes for additional information)

Printer Model/Type	TDS3000 TDS3000B Series (Replaced by TDS3000C)	TDS1000 TDS2000 Series (Replaced by TDS2000B TDS1000B)	TDS200 Series (Replaced by TDS2000 TDS1000)	Interface
<b>Brother:</b> HL-630	"LaserJet Laser printer"	"LaserJet"	"LaserJet"	Centronics
<b>Canon Bubble Jet:</b> BJC-50 BJC-80 BJC-4000	"Bubble Jet Color ink jet printer"	"Bubble Jet"	No	Centronics
<b>Canon Bubble "S":</b> S450 S530 S630	"S530/S630"	"S530/S630"	No	Centronics
<b>Epson:</b> RX-80 <sup>1</sup> Stylus 800 <sup>1</sup> Stylus Color 440 <sup>1</sup> Stylus Color 600 <sup>1</sup>	"Epson 9 & 24 pin dot matrix printer"	"Epson Dot Matrix"	"Epson"	Centronics
<b>Epson:</b> Stylus C60 Stylus C62	"Epson C60 Color" <sup>4</sup> FWV $\geq$ 3.26 or "Epson C60 Mono" <sup>4</sup> FWV $\geq$ 3.26	"Epson C60" <sup>4</sup> FWV $\geq$ 2.12, 4.12	No	Centronics
<b>Epson:</b> Stylus C80 Stylus C84	"Epson C80 Color" <sup>4</sup> FWV $\geq$ 3.26 or "Epson C80 Mono" <sup>4</sup> FWV $\geq$ 3.26	"Epson C80" <sup>4</sup> FWV > 2.12, 4/12	No	Centronics
<b>HP:</b> Thinkjet	"Thinkjet Ink jet printer"	"ThinkJet"	"ThinkJet"	Centronics
<b>HP DeskJet:</b> 3820 540 5650 6122 697 840C 895 970Cse	"Deskjet Hi resolution mono ink jet printer" or "Deskjet Hi resolution color ink jet printer"	"DeskJet"	"DeskJet"	Centronics
<b>HP LaserJet:</b> II 1100 5L 5MP	"LaserJet Laser printer"	"LaserJet"	"LaserJet"	Centronics
<b>HP Photosmart:</b> P1000 P1115	"Deskjet Hi resolution mono ink jet printer" or "Deskjet Hi resolution color ink jet printer"	"Deskjet"	"DeskJet"	Centronics
<b>HP Others:</b> 1100d	"Deskjet Hi resolution mono ink jet printer" or	"Deskjet"	"DeskJet"	Centronics

"Deskjet Hi resolution color ink jet printer"

<b>Panasonic:</b> KX-P1124 KX-P1180	"Epson 9 & 24 pin dot matrix printer"	"Epson Dot Matrix"	"Epson"	Centronics
<b>Samsung:</b> ML-1250	"LaserJet Laser Printer"	"LaserJet"	"LaserJet"	Centronics
<b>Seiko:</b> DPU-411	No	"DPU411"	"DPU411" <sup>4</sup> FWV > 1.09	Centronics, RS232
<b>Seiko:</b> DPU-412	No	"DPU412"	"DPU412" <sup>4</sup> FWV > 1.09	Centronics, RS232
<b>Seiko:</b> DPU-414 <sup>2</sup>	No	"DPU411"	"DPU411" <sup>4</sup> FWV > 1.09	Centronics, RS232
<b>Seiko</b> DPU-3445 <sup>3</sup>	"DPU-3445 Thermal printer"	"DPU3445"	No	RS232
<b>Tektronix:</b> TDS3PRT	"Tektronix TDS3PRT Thermal Printer"	No	No	TDS3000 Proprietary
<b>Tektronix:</b> HC-200	"Epson 9 & 24 pin dot matrix printer"	"Epson Dot Matrix"	"Epson"	Centronics

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**<sup>1</sup>RX-80, Stylus 800, Stylus Color 440, Stylus Color 600 Notes:**

The driver used by each scope family renders black and white hardcopies, only.

**<sup>2</sup>DPU-414 Notes:**

To print out software dip switch settings, press/hold "ON LINE" during power on. To change software dip switch settings choose "ON LINE" (1) or "LINE FEED" (0). Defaults for Parallel operation: Dip SW1: 11101011, Dip SW2: 11111111, Dip SW3: 11110111. Defaults for Serial operation: Dip SW1: 011101011, Dip SW2: 11111111, DipSW3: 11110111. Set RS-232 Oscilloscope settings: Baud = 9600, Flow Control = Hard Flaggging, EOL = CR, Parity = None.

**<sup>3</sup>DPU-3445 Notes:**

All hardcopies will print in Landscape orientation regardless of format (portrait/landscape) selection.

**<sup>4</sup>FWV > Notes:**

Printer support for added printers will only function correctly when the oscilloscope's Firmware Version Number (FWV) is equal to or greater than that which is indicated. For example, the Epson C60 printer will only operate on a TDS3054B whose FWV is 3.26 or above.

**Supported Data Formats by Discontinued Oscilloscope Series**

Data Format	Expanded Mnemonic	TDS3000 TDS3000B Series (Replaced by TDS3000C)	TDS1000 TDS2000 Series (Replaced by TDS2000B TDS1000B)	TDS200 Series (Replaced by TDS2000 TDS1000)
BMP	PC "Bit Map"	"BMP Mono Windows mono image file format" or "BMP Color Windows color image file format"	"BMP"	"BMP"

<b>EPS</b>	Encapsulated Post Script	"EPS Mono Encapsulated Postscript mono image" or "EPS Color Encapsulated Postscript color image"	"EPSIMAGE"	"EPSIMAGE"
<b>Interleaf</b>	Interleaf	"Interleaf .img image object file format"	No	"INTERLEAF"
<b>JPEG</b>	Joint Photographic Experts Group	No	No	No
<b>PCX</b>	PC Paintbrush	"PCX Mono PC Paintbrush mono image file format" or "PCX Color PC Paintbrush color image file format"	"PCX"	"PCX"
<b>PNG</b>	Portable Network Graphics	"PNG Portable Network Graphics"	No	No
<b>RLE</b>	Run Length Encoded	"RLE Color Windows color image file format"	"RLE"	No
<b>TIFF</b>	Tag Image File Format	"TIFF Tag Image File Format"	"TIFF"	No

### Supported Data Interfaces by **Discontinued** Oscilloscope Series

Interface, Direct Storage Media, External Display	TDS3000B Series (Replaced by TDS3000C)	TDS3000 Series (Replaced by TDS3000B)	TDS1000 TDS2000 Series (Replaced by TDS2000B/TDS1000B)	TDS200 Series (Replaced by TDS2000/TDS1000)
<b>Ethernet</b>	Standard	<b>Option:</b> TDS3EM 10 Base-T	No	No
<b>GPIB</b>	<b>Option:</b> TDS3GV	<b>Option:</b> TDS3GV	<b>Option:</b> TDS2CMA TDS2CMAX	<b>Options:</b> TDS2CM TDS2CMA
<b>RS-232</b>	<b>Options:</b> TDS3GV TDS3VM	<b>Options:</b> TDS3GV TDS3VM TDS3EM	<b>Option:</b> TDS2CMA TDS2CMAX TDS2MEM	<b>Options:</b> TDS2CM TDS2CMA
<b>CompactFlash™ (Type 1)</b>	No	No	<b>Option:</b> TDS2MEM	No
<b>Floppy Drive</b>	Standard	Standard	No	No
<b>External VGA Monitor</b>	<b>Options:</b> TDS3GV TDS3VM	<b>Options:</b> TDS3VM TDS3GV	No	No
<b>Centronics Parallel</b>	Standard	Standard	<b>Option:</b> TDS2CMA	<b>Options:</b> TDS2CM

TDS2CMAX  
TDS2MEM

TDS2MM  
TDS2HM  
TDS2CMA

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