

ITC5230

power cycling semiconductor
life test system



utilities	<i>AC Input Requirements:</i>	220 VAC 50/60 Hz, Three Phase	220 or 240 VAC 50 Hz optional
	<i>AC Breaker:</i>	120 A	
	<i>Service:</i>	130 A	
	<i>Maximum Current:</i>	220 VAC = 100A	
mechanical specifications	<i>Physical Dimensions:</i>	Height:	75" (190.5 cm)
		Width:	58" (147.3 cm)
		Depth:	45" (114.3 cm)
		Weight:	1500 lbs. (680.4 kg)
	<i>Military Specifications:</i>	ITC5230 Testers Conform to MIL-STD-750, Method 1026.1, 1027.1, 1036.3, 1037, 1039, and 1042.1	
electrical specifications	<i>DUT Testing:</i>	Device Boards:	16 Maximum
		VDD Supplies:	16
		VDD Voltages:	24/48 Vdc Switchable
		DUT Power:	480 watts at 48 volts per board
		<i>Internal electronics are powered by 115 Vac generated by an on-board transformer.</i>	
DUT board types		<i>Device Types</i>	<i>Devices per DUT Board</i>
	<i>ITC5230C DIGEN Type</i>	Axial Lead Diodes and surface mounted Bridge Rectifiers	100 (25 per daughter board)
	<i>ITC5230C DDGEN Type</i>	Dual diode, common anode, or common cathode with the common lead in the center	16
	<i>ITC5230B Original Types</i>	N-Channel MOSFETs, P-Channel MOSFETs, or IGBTs	56
	<i>ITC5230B Generic Type</i>	N-Channel MOSFETs, P-Channel MOSFETs, or IGBTs	56 (4 per daughter board) 28 (2 per daughter board) 14 (1 per daughter board)
	<i>ITC5230C TRAN Type</i>	N-Channel MOSTFETs, P-Channel MOSTFETs, IGBTs, or NPN and PNP bipolar devices. Selection of device type is made with paddle boards plugged into the DUT board.	Four daughter boards for 10 or 20 devices = 80 devices maximum
	<i>ITC5230C D/T Type</i>	Small diodes and thyristors	Four daughter boards for 10 or 20 devices = 80 devices maximum
	<i>ITC5230C ZPAK Type</i>	N-Channel MOSFETs, P-Channel MOSFETs, or IGBTs	36
	<i>ITC5230C 3447 Type</i>	N-Channel MOSFETs, P-Channel MOSFETs, or IGBTs	24
optional inductive load boxes	<i>Controllers:</i>	ITC5230C PC/AT Compatible Computer Hard Drive: 3 1/2 " Floppy Disk Video, Serial and Printer Ports	

Note: Specifications subject to change without notice.

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