

CONTINUITY TESTERS FOR CABLE HARNESSSES, CABLE LOOMS, WIRING HARNESSSES.

Model No. and NAME	Points				No. of Harness Programs	User Authentication done by	Data Loading				Test Mode		Fault Found	Display Faults	Output			Barcode Scanning	Application	Remarks
	Basic No. of Points / Circuits	Expandable in step of	Max. No. of points	No. of Stages Testing			Learning	From USB	From PC through serial	Circuit by Circuit	All Circuits	Pass Relay			Pass Buzzer	Label Print				
PHTM L64 [CABLE / WIRING HARNESS TESTER]	64 Points	NOT APPLICABLE	64 points	2	99	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, Peizobuzzer	YES, parallel port. (2KB data)	YES	General Harness Checking as per points.	Program selection using barcode scanner.	
PHTM L128 [CABLE / WIRING HARNESS TESTER]	128 Points	NOT APPLICABLE	128 points	2	99	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, Peizobuzzer	YES, parallel port. (2KB data)	YES	General Harness Checking as per points.	Program selection using barcode scanner.	
PHTM L_4KT[CABLE / WIRING HARNESS TESTER]	64 Points	NOT APPLICABLE	64 points	2	25	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, Peizobuzzer	YES, parallel port. (4KB data)	YES	General Harness Checking as per points.	Program selection using barcode scanner.	
PHTM L_4KT[CABLE / WIRING HARNESS TESTER]	128 Points	NOT APPLICABLE	128 points	2	25	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, Peizobuzzer	YES, parallel port. (4KB data)	YES	General Harness Checking as per points..	Program selection using barcode scanner.	
PHTM E64[CABLE / WIRING HARNESS TESTER]	64	NOT APPLICABLE	64 points	2	320	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, Peizobuzzer	10 common labels of memory 1K available	YES	General Harness Checking as per points..	Program selection using barcode scanner.	
PHTM E128[CABLE / WIRING HARNESS TESTER]	128	NOT APPLICABLE	128 points	2	320	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, Peizobuzzer	10 common labels of memory 1K available	YES	General Harness Checking as per points..	Program selection using barcode scanner.	
FACT 256 [FUTURA ADVANCED CONTINUITY TESTER]	64 Points	64 Points	256 points EXPANDER AVAILABLE	2	Max 128, Min 32 as per label data size.	USB PEN DRIVE (SOFT KEY)	YES	YES	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES / External to device	YES, with tone, volume soft control	YES, SERIAL, parallel port. (1KB to 4KB data as per selection)	YES	General Harness Checking as per points, Diode checking (Correct polarity and a faulty diode)	Additional POKAYOKE mode of testing. This mode facilitates locking of harness on the board and putting harness in the fail bin.	
FACT 1024 [FUTURA ADVANCED CONTINUITY TESTER]	128 Points	128 Points	512 points EXPANDER AVAILABLE	2	Max 80, Min 32 as per label data size.	USB PEN DRIVE (SOFT KEY)	YES	YES	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES / External to device	YES, with tone, volume soft control	YES, SERIAL, parallel port. (1KB to 4KB data as per selection)	YES	General Harness Checking as per points, Diode checking (Correct polarity and a faulty diode)	Additional POKAYOKE mode of testing. This mode facilitates locking of harness on the board and putting harness in the fail bin.	
PHTM 320 [CABLE / WIRING HARNESS TESTER]	64 Points	64 Points	320 points	2	25	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, with tone, volume control	YES, parallel port. (2KB data)	YES	General Harness Checking as per points..		
PHTM 320_4K [CABLE / WIRING HARNESS TESTER]	64 Points	64 Points	320 points	2	25	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, with tone, volume control	YES, parallel port. (4KB data)	YES	General Harness Checking as per points..	Can not go more than 320 points	
PHTM 640 [CABLE / WIRING HARNESS TESTER]	64 Points	64 Points	640 points	2	25	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, with tone, volume control	YES, parallel port. (2KB data)	YES	General Harness Checking as per points..		
PHTM 960 [CABLE / WIRING HARNESS TESTER]	64 Points	64 Points	960 points	2	25	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, with tone, volume control	YES, parallel port. (2KB data)	YES	General Harness Checking as per points..		
PHTM_99_320[CABLE / WIRING HARNESS TESTER]	64 Points	64 Points	320 points	2	99	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, with tone, volume control	YES, parallel port. (2KB data)	YES	Different harnesses checked on same line, not in batches.	Program selection using barcode scanner. Can not go more than 320 points	
PHTM_128_320[CABLE / WIRING HARNESS TESTER]	64 Points	64 Points	320 points	2	128	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, with tone, volume control	YES, parallel port. (1KB data)	YES	Different harnesses checked on same line, not in batches.	Program selection using barcode scanner. Can not go more than 320 points	
MSPHTM [MULTISTAGE CABLE / WIRING HARNESS TESTER]	64 Points	64 Points	256 points	32 (16/10/8)	25	LEARN LOCK KEY	YES	NO	YES	DEFAULT	SETTABLE	Miswiring, Extra point.	Open, Short, Location, Extra.	YES	YES, with tone, volume control	YES, parallel port. (2KB data)	YES	Multi stage, switch harnesses, Back planes, switch assemblies	Can display multiple faults. Can transmit results to PC.	
HTM T32 [TINY HARNESS TESTER]	32 Points	NOT APPLICABLE	32 points	1	25	LEARN LOCK KEY	YES	NO	NO	DEFAULT	Not Available	Miswiring	Open, Short.	YES	YES, Peizobuzzer	NO	NO	Low cost harness tester.		
HTM T64 [TINY HARNESS TESTER]	64 Points	NOT APPLICABLE	64 points	1	25	LEARN LOCK KEY	YES	NO	NO	DEFAULT	Not Available	Miswiring	Open, Short.	YES	YES, Peizobuzzer	NO	NO	Low cost harness tester.		
MHT 40 [MULTISTAGE HARNESS TESTER]	40 Points	NOT APPLICABLE	40 points	1	25	LEARN LOCK KEY	YES	NO	NO	DEFAULT	Not Available	Miswiring	Open, Short.	YES	YES, Peizobuzzer	NO	NO	Low cost multistage, switch harness tester.		
CT121-16 [CONTINUITY TESTER 121]	16 Circuits	NOT APPLICABLE	16 Circuits	1	25	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	SETTABLE	SETTABLE	Miswiring	Open, Short.	YES	YES, Peizobuzzer	NO	NO			
CT121-32 [CONTINUITY TESTER 121]	32 Circuits	NOT APPLICABLE	32 Circuits	1	25	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	SETTABLE	SETTABLE	Miswiring	Open, Short.	YES	YES, Peizobuzzer	NO	NO			
CT121-48[CONTINUITY TESTER 121]	48 Circuits	NOT APPLICABLE	48 Circuits	1	25	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	SETTABLE	SETTABLE	Miswiring	Open, Short.	YES	YES, Peizobuzzer	NO	NO			
CT121-96 [CONTINUITY TESTER 121]	96 Circuits	NOT APPLICABLE	96 Circuits	1	25	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	SETTABLE	SETTABLE	Miswiring	Open, Short.	YES	YES, Peizobuzzer	NO	NO			

Accessories:

1. Solid State Floppy, 2. HTMI/O64 : I/O card for 64 points for PHTM s. 3. I/O CARD FOR 64 POINTS FOR FACT. 4. Pen Marking Unit

Spares:

1. Cables from Tester to Jig/Board

HARNES ASSEMBLY AID : GUIDES OPERATOR TO INSERT TERMINAL AND ONLINE CHECKS CONTINUITY

Model No.	Points / LEDs			PULL TEST for TBO	No. of Harness Programs	Data Loading			Same point repeated in all nets, allowed?	Fault Found	Display Faults	Output			Application	Remarks
	Trey LEDs	I/O LEDs	I/O Points			Learning	From USB	From PC through serial				Pass Relay	Pass Buzzer	Label Print		
HAAP1208	settable	settable	settable	YES	25	YES	NO	NO	NO	Miswiring	Open, Short	YES	YES, with tone, volume control	YES	Process Improvement Tool	
HARNES ASSEMBLY GUIDE WITH CONTINUITY HA_CT_121	16		32	NO	1	NO	NO	NO	NO	OPEN, SHORT	Open, Short	YES	YES	YES	Process Improvement Tool	STEP WISE INDICATION AND ONLINE CONTINUITY CHECK

LABEL DATA STORAGE FOR PRINTING : PRINTS ONLINE LABELS, WITHOUT A PC ON SHOPFLOOR.

Model No.	Data Storage		LABEL DATA	User Interface			Printer Port		Serial Parameters settable	Serial In and Serial Out?	Settings	Barcode Scanning	Application	Remarks
	Label Data Size	No. of Labels		Indication	Keys	No. of Harness Programs	Serial RS232	Parallel						
LDSP_LCD_10 [LABEL DATA STORAGE FOR PRINTING]	2KB	25		LCD 16* 2	4 keys keyboard	25	YES to set	YES to set	YES	NO	serial port parameters,Trigger Type (Physical, Serial, sequence), printer type,	YES		
LDSP_LCD_99 [LABEL DATA STORAGE FOR PRINTING]	2KB	99		LCD 16* 2	4 keys keyboard	99	YES to set	YES to set	YES	YES	serial port parameters,Trigger Type (Physical, Serial, sequence), printer type,	YES		
LDSP_LCD_10 [LABEL DATA STORAGE FOR PRINTING]	5KB	40		LCD 16* 2	4 keys keyboard	40	YES to set	YES to set	YES	NO	serial port parameters,Trigger Type (Physical, Serial, sequence), printer type,	YES	for Box Label Printing	

SOME OTHER PRODUCTS:	Air Leakage Testing Equipment [ALTE-15]	Air Leakage Testing Equipment Vacuum base[ALTEV-16]	USB to Serial Barcode convertor (USB_SRL_BAR)	Pen Marking Unit
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