TOUCH SCREEN PANEL TEST EQUIPMENT

WIN.8 CAPACITIVE TOUCH SCREEN PANEL MODULE EVALUATION EQUIPMENT

K-9601WE

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FEATURES

Capacitive Touch Screen Panel Module Evaluation Equipment for R&D, **K-9601WE** is designed to evaluate test items of Capacitive Touch Screen Panel Module for Windows Touch Test such as WHCK test and Pre-test.
Touch Screen Panel Module For WIN.8 is fixed on the test stage by Clamp and then the machine's conductible touch tip touches the surface of Touch Screen Panel Module while K-9601WE's Host PC picks the X/Y coordinate report data of Touch Screen Panel Modules via USB interface and the data is displayed through MIK21's unique GUI.
K-9601WE can test up to 55" Capacitive Touch Screen Panel Module and K-9601WE is a best solution for your evaluation of Capacitive Touch Screen Panel Module for Windows 8.

K-9601WE는 WIN8 정전용량형 터치패널 정밀 평가장비로서 WHCK test, Pre-test 등을 지원 합니다. WIN8 터치패널모듈인 검사대상 시료를 스테이지위에 고정시키고 K-9601WE의 10 핀거 블럭의 지정된 핀거를 터치패널의 표면에 터치 시켜 터치패널의 X/Y 좌표와 Drag 시의 좌표 궤적 등을 MIK21 전용 GUI를 통해 디스플레이시켜줍니다. 싱글 터치, 멀티 터치, 멀티 드래그, 멀티 아크 등 다양한 제스쳐를 자동으로 수행할 뿐만 아니라 팬닝 레이턴시 탭핑 레이턴시 또한 측정할 수 있습니다. 모든 데이터는 엑셀형식으로 저장이 가능하기 때문에 사용자가 용이하게 검사데이터를 분석할 수 있습니다.
K-9601WE는 최대 55인치 시료를 지원하는 WIN.8 정전용량형 터치패널모듈 평가 및 검사를 위한 최적의 솔루션입니다.

SPECIFICATIONS

Contents	Specification
Artificial Finger Motion	X, Y, Z Linear Movement (Possible to support Diagonal & Circular Movement) Arc, Multi Arc support
Motion Stroke [X/Y/Z]	1,400X1,100X100 (mm) / Possible to test Max.55" (In case of AR 16:9) / 1Stage 1Axis
X, Y Coordinates Resolution	10um
Coordinate Input & pop	SI unit (XXX.XXX mm)
DUT Size	23 ~ 55 inch
Vertical Tilting	Vertical Alignment by Minimum Force Detection Algorithm
Interface	System to PC : USB2.0 (RS-232C) / System to DUT : USB HID
PC S/W	PC GUI [Data save, set parameter, Graph etc.]
Manual	Paper
Touch Pressure	Max. 0g~300g
Dimension [WXDXH, mm]	2,500 X 2,000 X 1,600
General Specification	Input Power : 220VAC 1Ø / Gross Weight : Max. 900Kg
Component	Main Unit / Computer&Monitor / Touch Tips / Lubricant / Manual
Image Source	PC (DVI, DP Interface) For DUT, Pattern Genenerator
Motion Control, Sensor Comm.	Industrial PC
Evaluation Items	Pre-Test, WHCK-Touch Test
Motion Speed (X/Y Axis)	500mm/sec
Motion Speed (Z Axis)	50mm/sec
10 Finger Control	Air Cylinder
Finger Height Control for Z-Axis Allowance	Detecting TSP Surface : Pressure Sensor
Touch Event Sensing for Tapping Latency Time Measurement	Detecting TSP Surface : Pressure Sensor / Touch Event Flag Signal Generation : Photo Sensor
Event Sensing for Panning Latency Time Measurement	Detecting Target Period : Photo Sensor
WHCK Touch Test App. Image Tracking	Auto Tracking using High Resolution Camera (Pattern awareness)
DUT Holding Method	Clamping
DC Power for Display Device	VDD : 30V 5A / VCC : 30V 5A / VBL : 30V 15A [Variable Unit : 10mV]

* All specifications are subject to change without any notice.