

CAPACITIVE TOUCH SCREEN PANEL EVALUATION EQUIPMENT

K-9601CM

FEATURES

Capacitive Touch Screen Panel Evaluation Equipment , **K-9601CM** is designed to evaluate test items of Capacitive Touch Screen Panel such as Self Capacitance, Mutual Capacitance, Cross Capacitance and Terminal Resistance.
Touch Screen Panel is fixed on the test stage by vacuum absorption and then the Machine's Sensing FPCB Terminal approach and clamp the Touch Screen Panel's terminal and Machine's Sensing FPCB Terminal.
While K-9601CM's Sensing B/D picks the report data of Touch Screen Panel such as Self Capacitance, Mutual Capacitance of all channels, etc. and the result data is displayed through MIK21's unique GUI.
K-9601CM is a best solution for your evaluation of Capacitive Touch Screen Panel.

K-9601CM은 터치패널 평가장비로서, 터치패널의 셀프캡(Self Capacitance), 뮤추얼캡(Mutual Capacitance), 크로스캡(Cross Capacitance) 및 단자저항을 분석 평가합니다.
검사대상 시료는 스테이지위에 흡착 고정되고 CCD Camera를 이용하여 TSP Terminal과 Machine Terminal의 정렬을 확인하고, 정렬 영상을 모니터에 디스플레이 합니다.
K-9601CM의 센싱보드는 터치패널의 모든 검사 및 분석값을 MIK21 전용 GUI에 디스플레이 시켜줍니다. 모든 데이터는 엑셀형식으로 저장이 가능하기 때문에 사용자가 용이하게 검사데이터를 분석할 수 있습니다.
K-9601CM은 최대 14인치 시료를 지원하는 정전용량형 터치패널 평가 및 검사의 최적의 솔루션입니다.

SPECIFICATIONS

Contents	Specification
Max. DUT Size	14"
Max. DUT Channel No.	Max. 160 Channels
Machine's Contact Clamp Block Moving	Automatic using vision system
Machine's Connecting Part Type for Sensing	Flat contact [PCB or FPCB] Possible to support more than 0.15mm pad pitch
DUT Fixing Method	Suction Stage
Test Items	Self Cap, Cross Cap. Mutual Cap, Loop Resistance
Result Data Display	XXX.XXX[pF]
PC S/W	PC GUI[Storing raw data, parameter set up, graph view Etc.,]
Machine Dimension [WXDXH, mm]	1,050 X 900 X 1,519
General Specification	Input Power : 220VAC 1Ø, 2W / Gross Weight : Max. 600Kg / Power Consumption : Max. 1.5KW
Pneumatic	Air pressure : 0.5MPa, Air consumption : 210NL/min (In case of continuous running)

MEASUREMENT SPECIFICATION

Contents	Specification
Measurement Range	Mutual Capacitance : 0 ~ 16pF
	Self Capacitance : 0 ~ 1,000pF [Possible to Customize up to 2,000pF]
	Cross Capacitance : 0 ~ 200pF
	Loop Resistance : 0 ~ 500Kohm
Measurement Time	Mutual Capacitance : Less than 12msec per X&Y Node1
	Self Capacitance : Less than 60msec per each channel
	Cross Capacitance : Less than 60msec per each channel
	Loop Resistance : Less than 10msec per each channel

* All specifications are subject to change without any notice.