

产品描述

K-9601C 是一款电容式触摸屏检测设备，用于评估测试电容式模组屏的自身电容，互电容，交叉电容及终端电阻。

触摸屏以真空吸附方式被固定在测试面板上，设备的FPCB感应终端与触摸屏接触并固定，同时K-9601C的传感桶会读取触摸屏的相关数据，如所有端口的自身电容值，互电容值等等。这些数值会在MIK 用户专用界面上显示。所有结果可以转换成EXCEL 文档并下载，便于用户分析其测试结果。

K-9601C 是评估测试触摸屏的优良选择。

Capacitive Touch Screen Panel Evaluation Equipment, K-9601C 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-9601C'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-9601C is a best solution for your evaluation of Capacitive Touch Screen Panel.



Specifications

Contents	Specification
Machine Dimension [WDXH]	1,200X900X1,400 (mm)
Max. DUT Size	14"
Measuring DUT Channel No.	Mutual : 96Ch. X 64Ch., Self : 160Ch., Loop Resistance : 96Ch.
Test Items	Self Cap, Mutual Cap, Cross Capacitance, Loop Resistance in case of double line routing
Measuring Range	Mutual Capacitance : 0 ~ 16pF, Self Capacitance : 0 ~ 100pF, Loop Resistance : 0 ~ 500Kohm
Measuring Time	Mutual Capacitance : Less than 20ms/ch. In case of 0.0X[pF] Precision Self Capacitance : Less than 30ms/ch. In case of 0.0X[pF] Precision Loop Resistance : Less than 1ms/ch.
Machine's Connecting Part Type for Sensing	FPCB [Possible to contact DUT terminal PAD up to 0.1 Pad Width and 0.2 Pad Pitch.
Alignment method between Machine's Connecting Part and DUT's terminal	Automatic moving and alignment using full vision system.
DUT Fixing Method	Suction Stage
Machine to PC Interface	RS-232C

Contents	Specification
Pneumatic	Air Pressure : 0.5MPa, Air Consumption : 210Nl/min (In case of continuous running)
Pneumatic Fitting	One Touch Easy Fitting / Air Hose (10 φ)
Result Data Display	XX.XXX[pF]
Allowable Error Range Setup	Possible to set ± 0~99%
PC S/W	PC GUI[Storing Data, Parameter Set Up, Graph View Etc.,]
General Specification	Input Power : 220VAC 1Ø, 2W / Gross Weight : Max. 300Kg / Power Consumption : Max. 1.5KW