

#### 产品描述

K-9510AM(AT) 是一款电容式触摸屏分析设备，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，通过手动旋钮连接到设备的FPCB 感应终端，同时K-9510AM(AT) 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-9510AM(AT) 是测试分析触摸屏产品的优良选择。

Capacitive Touch Panel Analyzer, K-9510AM(AT) 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 Touch Screen Panel on the Machine's Stage is moved to Machine's Sensing FPCB Terminal by turning hand knob and then Touch Screen Panel's terminal is clamped with the Machine's Sensing FPCB Terminal. while K-9510AM(AT)'s Sensing Board 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-9510AM(AT) is a best solution for your evaluation of Capacitive Touch Screen Panel.



## Specifications

Contents		Specification
Testable Panel Size		K-9510AM : Max. 7" for Mobile / K-9510AT : Max. 14" for Tablet PC
Contact Method Between DUT Terminal & Machine FPCB Terminal		Fixed Guiding Type (Need to change FPCB, once changing DUT) Possible to accurate alignment both two terminals using an electron microscope and a monitoring LCD monitor.
DUT Fixing Method		Suction Stage
Machine to PC Interface		RS-232C
Pneumatic		Air Pressure : 0.5MPa, Air Consumption : 210Nℓ/min (In case of continuous running)
Pneumatic Fitting		One Touch Easy Fitting / Air Hose (10 φ)
Machine Dimension [W×D×H, mm]	K-9510AT	900 X 700 X 700
	K-9510AM	500 X 450 X 700
General Specification		Input Power : 220VAC 1Ø, 2W / Gross Weight : Max. 90Kg[K-9510AT], Max. 70Kg[K-9510AM] / Power Consumption : Max. 50W

Contents	Specification	
	K-9510AM	K-9510AT
Test Items	Self Capacitance, Mutual Capacitance, Cross Capacitance, Loop Resistance (In case of double line route)	
Measuring DUT Channel No.	Mutual Capacitance : 48ChX32Ch	Mutual Capacitance : 96Ch X 64Ch
	Self Capacitance : 80Ch	Self Capacitance : 160Ch
	Loop Resistance : 48Ch	Loop Resistance : 96Ch
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.	