

CAPACITIVE TOUCH SCREEN PANEL ANALYZER

K-9510AM
K-9510AT

FEATURES

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.

K-9510AM(AT)는 정전용량형 터치패널 아날라이저로서 터치패널의 셀프캡(Self Capacitance), 뮤추얼캡(Mutual Capacitance), 크로스캡(Cross Capacitance) 및 단자저항을 분석하는 장비입니다.
검사대상 시료는 스테이지위에 흡착 고정되고 터치센서가 탑재된 Stage가 이동하여 터치센서 상부의 PAD와 장비의 Sensing FPCB PAD의 Align 상태를 확인하고, Align이 맞지 않을 경우 Hand Knob로 미세 Align을 셋팅합니다.
K-9510AM(AT)의 센싱보드는 터치패널의 모든 검사 및 분석값을 MIK21 전용 GUI에 디스플레이시켜줍니다. 모든 데이터는 엑셀형식으로 저장이 가능하기 때문에 사용자가 용이하게 검사데이터를 분석할 수 있습니다.
K-9510AM(AT)는 최대 15인치 시료를 지원하는 정전용량형 터치패널 검사의 최적의 솔루션입니다.

SPECIFICATIONS

Contents		Specification
Testable Panel Size		K-9510AM : Max. 7" for Mobile / K-9510AT : Max. 15" 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 optical 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 [WXDXH, mm]	K-9510AT	650 X 565 X 572
	K-9510AM	500 X 450 X 572
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 route)	
Measuring DUT Channel No.	Mutual Capacitance : 48ChX32Ch	Mutual Capacitance : 96Ch X 64Ch
	Self Capacitance : 80Ch	Self Capacitance : 160Ch
	Loop Resistance : 80Ch	Loop Resistance : 160Ch
Measuring Range	Mutual Capacitance : 0 ~ 16pF	
	Self Capacitance : 0 ~ 1,000pF	
	Cross Capacitance : 0 ~ 200pF	
	Loop Resistance : 0 ~ 500Kohm	
Measuring Time	Mutual Capacitance : Less than 12ms/ch	
	Self Capacitance : Less than 60ms/ch	
	Cross Capacitance : Less than 60ms/ch	
	Loop Resistance : Less than 10ms/ch.	

* All specifications are subject to change without any notice.